

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **PROPOSED REVISION #17**  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: December 30, 2013

Project Criteria Color Key: GREEN = SYSTEM PRESERVATION PURPLE = SAFETY IMPROVEMENTS BROWN = CONGESTION MITIGATION PINK = MODERNIZATION ORANGE = ENHANCEMENT BLUE = HUMAN SERVICES TRANSPORTATION PROGRAM TURQUOISE = TRANSIT

PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
STATEWIDE - FHWA																					
S1. Enhance	Bikeway Improvements at Various Locations, Statewide	DES										300	240	60				300	240	60	STP FLEXIBLE  (Defer and inflate)
		ROW										0	0	0	51	41	10	0	0	0	
		CON													2,000	1,600	400				
Estimated Total Project Cost - \$2,700,000 -- Implementation of State bike projects identified on Bike Plans.																					
S2. SysPres	Bridge Inspection and Appraisal	PLN	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	3,000	2,400	600	BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$18,000,000 -- Inventory, inspect and appraise state bridges. Includes underwater inspection, scour analyses, surveys and preparation of plans for bridge repairs, retrofits and replacements.																					
S3. Human	Construction Career Days Workforce Development Program	PLN	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	30	30	0	STP FLEXIBLE
Estimated Total Project Cost - \$180,000 -- Supplement the Construction Career Days Workforce Development Program.																					
S27. Enhance	Hawaii Scenic Byways Statewide Signage	DES/CON				78	78	0													NATIONAL SCENIC BYWAYS
Estimated Total Project Cost - Design, Manufacture and install directional and byway identification signage on four state byways located on Hawaii and Kauai islands. Signage will be consistent with the State's Scenic Byway Program.																					
S4. SysPres	Highway Research and Development Program	PLN	500	400	100	850	680	170	850	680	170	850	680	170	850	680	170	850	680	170	STP FLEXIBLE
Estimated Total Project Cost - \$4,750,000 -- Supplement the Statewide Planning and Research Program.																					
S5. Safety	Highway Safety Improvement Program (HSIP), Non - Infrastructure Funding Program	PLN/DES	500	400	100	500	400	100	700	630	70	3,000	3,000	0	700	630	70	700	630	70	HSIP
Estimated Total Project Cost - \$4,000,000 -- Implement non-infrastructure scope of HSIP including safety education programs and PSAs.																					
S6. SysPres	Highway Shoreline Protection, Statewide	DES															500	400	100	STP FLEXIBLE	
Estimated Total Project Cost - \$3,000,000 -- Funding to implement shoreline protection projects as identified in the State's shoreline protection plan.																					
S7. SysPres	Hawaii Statewide ITS Architectural Plan	PLN				1,000	800	200													STP FLEXIBLE
Estimated Total Project Cost - \$1,000,000 -- Develop ITS Architecture Plan for Non-Metro areas of the State (neighbor islands).																					
S8. Enhance	Pedestrian Facilities and ADA Compliance at Various Locations	DES							204	163	41						200	160	40	STP FLEXIBLE	
		CON												2,000	1,600	400					
Estimated Total Project Cost - \$4,600,000 -- Address ADA compliance needs, statewide.																					
S28. SysPres	Planning and Programming of Various Projects, Statewide	PLN/DES							500	400	100										STP FLEXIBLE
Estimated Total Project Cost - \$500,000 -- To create a program of projects that include planning and preliminary engineering, project scoping, development of budgetary estimates, and development of program delivery plan																					
S9. Modern	Public Lands Highways Discretionary Projects	DES/CON	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	PUBLIC LANDS DISCRETIONARY
Estimated Total Project Cost - \$30,000,000 -- Federal grant program. Projects that are adjacent to or provide access to federal lands are eligible to apply for these funds.																					
S10. Safety	Safe Routes to School (SR2S) Program Non-infrastructure Infrastructure	Pln/Des	300	300	0				300	300	0	100	100	0	300	300	0	300	300	0	SAFE ROUTES TO SCHOOL  (reduce estimate for 2014 funding)
		Pn/Ds/Co							700	700	0	300	300	0	700	700	0	700	700	0	
Estimated Total Project Cost - \$3,000,000 -- Implement the Safe Routes to School Program to promote walking and biking as a safe and viable transportation alternative, especially in the vicinity of schools.																					
S11. Enhance	SNIPP - Statewide Noxious Invasive Pest Program	OPR				2,180	1,744	436				3,030	2,424	606	3,151	2,521	630	3,277	2,622	655	STP FLEXIBLE
Estimated Total Project Cost - \$15,000,000 -- Operation of the Statewide Noxious Invasive Pest Program.																					

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S13.	Statewide Highway Lighting and Traffic Signal Upgrade Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	STP FLEXIBLE
Safety		DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
Estimated Total Project Cost - \$60,000,000 -- System maintenance of highway lighting and traffic signals.																					
S15.	Statewide Signing, Striping and Pavement Marking Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	LOCAL
SysPres		DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	STP FLEXIBLE
Kaunualii Hwy (Route 50)		CON	1,500	1,200	300																
Maluhia Road to Mana																					
Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep traffic control devices such as highway signing and striping.																					
S25.	Statewide Guardrail and Shoulder Improvement Program	CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	STP FLEXIBLE
SysPres		DES-CON	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	5,000	0	5,000	
Estimated Total Project Cost - \$60,000,000 -- System maintenance to upkeep roadway guardrails and shoulders.																					
S26	Structural Countermeasures for Scour Critical Bridges	DES							1,800	1,440	360									BRIDGE ON/OFF SYSTEM	
SysPres	Estimated Total Project Cost - \$7,800,000 -- As recommended in the Highways Division's "Plan of Action for Scour Critical Bridges Various Locations, Statewide 2012", this project will develop and design structural countermeasures for scour critical bridges through out the state.																				
S16.	Technology Transfer and Technical Assistance Program	PLN	500	400	100	150	120	30	150	120	30	150	120	30	150	120	30	150	120	30	STP FLEXIBLE
Estimated Total Project Cost - \$1,250,000 -- Conduct training and technology transfer activities for government and private transportation personnel.																					
S17.	Traffic Counting Stations, Various Locations	DES	375	300	75															STP FLEXIBLE (Defer and inflate)	
Modern		CON										0	0	0	3,641	2,913	728				
Estimated Total Project Cost - \$3,900,000 -- Construction of statewide traffic counting stations for traffic data gathering and planning purposes.																					
STATEWIDE - FHWA TOTAL			41,705	10,430	31,275	42,788	11,252	31,536	42,530	11,300	31,230	46,464	14,857	31,607	51,573	18,535	33,038	45,007	13,282	31,725	

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STATEWIDE - FTA																					
S19.	Rural Transportation Assistance Program (RTAP)	PLN	100	100	0	103	103	0	96	96	0	99	99	0	102	102	0	105	105	0	FTA SECTION 5311 (b)(3)
Human	Estimated Total Project Cost - \$787,000 -- FTA Section 5311(b)(2) Rural Transportation Assistance Program (RTAP). Funds from the RTAP program will be utilized to provide technical assistance to the Rural Transportation providers.																				
S20.	State Administration	PLN	305	305	0	315	315	0	324	324	0	250	250	0	258	258	0	265	265	0	FTA SECTION 5311
Human	Estimated Total Project Cost - \$1,980,000 -- FTA Section 5311 Nonurbanized Area Formula Program.																				
S21.	Transportation Assistance for Elderly and Disabled	EQP	888	710	178	916	732	184	1,063	850	213	263	210	53	275	220	55	288	230	58	FTA SECTION 5310
Human	Estimated Total Project Cost - \$2,867,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Non-Urban). Funds from program will be utilized for the purchase of vehicles.																				
S22.	JARC (non-urban)	EQP/OPR	188	150	38	310	155	155	400	200	200				280	140	140				FTA SECTION 5316 (JARC)
Human	Estimated Total Project Cost - \$898,000 - Job Access and Reverse Commute Program (Section 5316). Funds for the JARC program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.																				
S23.	New Freedom (non-urban)	EQP/OPR	104	83	21	172	86	86	260	130	130				160	80	80				FTA SECTION 5317 (New Freedom)
Human	Estimated Total Project Cost - \$536,000 -- New Freedom Program (Section 5317). Funds from the New Freedom program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.																				
S24.	Statewide Planning	PLN	131	105	26	250	200	50	139	111	28	143	114	29	147	117	30	152	121	31	FTA SECTION 5304
Transit	Estimated Total Project Cost - \$962,000 -- FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil rights studies																				
STATEWIDE - FTA TOTAL			1,716	1,453	263	2,066	1,591	475	2,282	1,711	571	755	673	82	1,222	917	305	810	721	89	

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FUNDING CATEGORY SUMMARY - STATEWIDE																				
IM (Interstate Maintenance)			0			0			0			0			0			0		
NHS (National Highway System)			0			0			0			0			0			0		
BRIDGE OFF-SYSTEM			0			0			0			0			0			0		
BRIDGE ON/OFF SYSTEM			2,400			2,400			3,840			2,400			2,400			2,400		
STP ENHANCEMENT			0			0			0			0			0			0		
STP FLEXIBLE			2,330			3,452			830			4,057			9,505			4,252		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			5,000			5,000			5,000			5,000			5,000			5,000		
NATIONAL RECREATIONAL TRAILS			0			0			0			0			0			0		
EARMARK - HIGH PRIORITY			0			0			0			0			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			0			0			0			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			0			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			300			0			1,000			400			1,000			1,000		
HSIP- Highway Safety Improvement Program			400			400			630			3,000			630			630		
NRCS - National Resources Conservation Service			0			0			0			0			0			0		
			0			0			0			0			0			0		
H-3 DISCRETIONARY			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
	SUBTOTAL		10,430			11,252			11,300			14,857			18,535			13,282		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(5,000)			(5,000)			(5,000)			(5,000)			(5,000)			(5,000)		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		5,430			6,252			6,300			9,857			13,535			8,282		

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OAHU : STATE - FHWA																					
OS87	Bridge and Pavement Improvement Program, Oahu	CON							29,600	0	29,600	36,400	0	36,400	36,400	0	36,400	36,400	0	36,400	IM / NHS / STP FLEXIBLE
SysPres	Fort Weaver Road (Route 76), Pavement Preservation	CON	5,000	4,000	1,000																
	Popoi Place to Renton Road, MP 0.00 to 3.99																				
	Interstate Route H-1, Salt Lake Viaduct Deck Repair, Eastbound	CON	3,500	3,150	350																
	Kahuapaani St (Route 7241) Resurfacing	CON				8,250	6,600	1,650													
	Salt Lake Blvd to Moanalua Frwy, MP 0.00 to 0.80																				
	Mokapu Saddle Rd (Route 65) Resurfacing MP 3.0 -4.15	CON	8,500	6,800	1,700																
	Kapaa Quarry to Kalaheo																				
	Interstate Route H-1, Airport Viaduct Improvements	CON				30,000	24,000	6,000													
	Valkenburg Street to Middle Street																				
	Vineyard Blvd (Route 98) Resurfacing	CON				9,750	500	9,250													
	Palama Street to Punchbowl Street, MP 0 - MP1.76	ADVCON							7,300	(7,300)											
	Kamehameha Highway (Route 83) Resurfacing	CON										20,400	16,320	4,080							
	Waihau Street to Ka Uka Blvd																				
	Kalaniana'ole Highway (Route 72) Resurfacing	CON							14,000	11,200	2,800										
	Hanauma Bay Road to West Hind Drive																				
Estimated Total Project Cost - \$237,800,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																					
Yearly lump sum amounts represent total Special Maintenance Program (SMP) State funding levels anticipated for Oahu program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation).																					
The current list of prioritized proposed SMP projects has been posted on the <a href="http://hdot.hawaii.gov/highways/other/other-related-links/stip/">STIP website</a> at: <a href="http://hdot.hawaii.gov/highways/other/other-related-links/stip/">http://hdot.hawaii.gov/highways/other/other-related-links/stip/</a> . Qualified and priority SMP projects could receive federal funds should they become available.																					
OS1.	Castle Hills Access Road Drainage Improvements, Phase II	ROW/CON	4,300	3,200	1,100																STP FLEXIBLE
SysPres																					
Estimated Total Project Cost - \$16,800,000 -- Construct drainage improvements in the vicinity of Pookela Street, Kupohu Street and Pilina Way in Kaneohe.																					
OS2.	Farrington Highway (Route 93), Bridge Rehabilitation	ROW										0	0	0	562	450	112				BRIDGE ON/OFF SYSTEM
SysPres	Ulehawa Stream Bridge																				(Defer and inflate; no DES consultant selected yet)
Estimated Total Project Cost - \$13,400,000 -- Rehabilitate bridge to meet current design standards. This includes bridge strengthening, widening, improving shoulders, and upgrading railings.																					
OS3.	Farrington Highway (Route 93), Bridge Replacement	CON													13,500	5,000	8,500				BRIDGE ON/OFF SYSTEM
SysPres	Maipalaoa Bridge	ADVCON																0	5,800	(5,800)	
Estimated Total Project Cost - \$16,560,000 -- Replace the existing bridge with a concrete structure that meets current bridge standards.																					
OS82.	Farrington Highway (Route 93), Bridge Replacement	ROW										1,080	864	216							BRIDGE ON/OFF SYSTEM
SysPres	Makaha Bridges #3 & #3A	CON										16,225	1,000	15,225							
		ADVCON													0	11,980	(11,980)				
Estimated Total Project Cost - \$20,000,000 -- Replace a timber bridge in the vicinity of Makaha Beach Park.																					
OS4.	Farrington Highway (Route 93) Intersection Improvements	CON							3,120	1,000	2,120										STP FLEXIBLE
Safety	at Haleakala Avenue (Route 8743)	ADVCON										0	1,496	(1,496)							HSIP
		CON							4,720	4,248	472										
		AVDCON																			
		CON							1,000	800	200										EARMARK - HIGH PRIORITY
Estimated Total Project Cost - \$10,600,000 -- Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Haleakala Avenue, roadway widening, resurfacing, excavation, drainage, traffic signal modifications and underground utilities.																					
OS5.	Farrington Highway (Route 93) Intersection Improvements	CON							5,720	5,148	572										HSIP
Safety	at Nanakuli Avenue (Route 8744)	ADVCON																			
		CON							3,120	1,000	2,120										STP FLEXIBLE
		ADVCON										0	1,496	(1,496)							
Estimated Total Project Cost - \$10,600,000 -- Construct intersection improvements on Farrington Highway, such as a left-turn lane onto Nanakuli Avenue, roadway widening, resurfacing, roadway excavation, drainage, traffic signals, and landscaping.																					
OS6.	Farrington Highway (Route 93) Safety Improvements in the	CON	1,960	1,764	196																HSIP
Safety	Vicinity of Leihoku Street to Kili Drive																				
Estimated Total Project Cost - \$2,390,000 -- Installation of milled rumble strips on centerline and shoulders; pavement markings, striping and signing.																					

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)			
OS8. Congest	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 1C																				NHS  (Ph 1C Part 2 funds combined with funds from OS 9 Ph 2A Part 1)		
	Part 1																						
	CON		7,000	5,600	1,400																		
	Part 2																						
	ADVCON											8,500	1,800	6,700	0	5,000	(5,000)						
Estimated Total Project Cost - \$61,500,000 -- The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.																							
OS9. Congest	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2A																				INTERSTATE MAINTENANCE  (Added funds to OS8 ph 1C part 2 ph 2A part 1 will be deferred)		
	Part 1					1,900	1,520	380															
	DES																						
	CON											0	0	0									
	ADVCON														0	0	0						
Part 2														5,000	4,000	1,000							
Estimated Total Project Cost - \$61,500,000 -- The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.																							
OS10. Congest	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 2B		DES										0	0	0	1,980	1,584	396				INTERSTATE MAINTENANCE (defer and inflate - funding not needed until 2015.)	
	CON																		10,000	8,000	2,000		
Estimated Total Project Cost - \$61,500,000 -- The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.																							
OS11. Congest	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), Phase 3A		DES													2,000	1,600	400				INTERSTATE MAINTENANCE	
Estimated Total Project Cost - \$61,500,000 -- The project consists of installation of closed-circuit television (CCTV) cameras, vehicle detectors, cabinets, and communication equipment. Minor interior modifications of the H-3 Control Center will be done to accommodate system improvements. This project will be implemented in phases.																							
OS12. Congest	Freeway Management System, Interstate H-1, H-2, and Moanalua Freeway (Route H-201 & 78), System Manager		DES	4,000	3,200	800							2,500	2,250	250							NHS	
Estimated Total Project Cost - \$61,500,000 -- The Freeway Management System's System Manager will assist the State with managing and guiding the Intelligent Transportation System (ITS) program. This includes software development, equipment procurement assistance, acceptance testing, performance monitoring, and strategic planning.																							
OS13. Congest	Freeway Service Patrol		CON	2,000	1,800	200	2,000	1,800	200	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	3,500	3,150	350	NHS	
Estimated Total Project Cost - \$16,000,000 -- Operate roving service patrols. Services include towing of disabled vehicles, removing debris, providing basic fire extinguisher use, deploying traffic control devices, assisting the HPD, HFD, and EMS at crash scenes & other incidents, assisting sick or injured motorists with basic first aid, & notifying 911 of incidents.																							
OS14. Safety	Guardrail and Shoulder Improvements, Various Locations																					HSIP  INTERSTATE MAINTENANCE	
	Phase 1 - Various locations on Interstate Route H-1		CON																				
	Phase 2		DES													250	200	50					
			CON																3,000	2,400	600		
	Phase 3		DES																250	200	50		
Estimated Total Project Cost - \$5,850,000 -- Install and upgrade guardrails to bridge end post connections, bridge railing, guardrail end terminals, crash attenuators, miscellaneous drainage, and other appurtenant improvements.																							
OS92. Congest	ITS Operation and Maintenance		OPR										285	255	30	285	255	30	285	255	30	INTERTATE MAINTENANCE	
Estimated Total Project Cost - \$1,000,000 -- Annual costs to operate and maintain the ongoing and existing ITS program. This includes costs for the operation and maintenance of CCTVs and vehicle detection equipment. This also includes costs for telecommunication and server hosting services.																							
OS15. SysPres	Interstate Routes H-1, H-2, and H-201 Destination Sign Upgrade/Replacement, Phase I																					NHS	
	Phase II		CON				4,500	3,600	900														
			CON																2,704	2,434	270		
Estimated Total Project Cost - \$8,200,000 -- Replace and/or upgrade the existing destination signs and sign support structures on Interstate Routes H-1, H-2 and H-201.																							
OS16. SysPres	Interstate Route H-1, Bridge Rehabilitation, Kapalama Canal (Halona Street Bridge)		DES	775	620	155																BRIDGE ON/OFF SYSTEM	
Estimated Total Project Cost - \$3,000,000 -- Rehabilitate existing bridge.																							
OS88. Modern	Interstate Route H-1, Corridor Study		PLN				2,500	2,000	500													NHS	
Estimated Total Project Cost - \$2,500,000 -- Develop a comprehensive analysis study of the entire H-1 corridor, including other parallel State and City facilities to identify future congestion and capacity improvements and priorities for the corridor.																							

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **PROPOSED REVISION #17**  
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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS18.	Interstate Route H-1, Eastbound Improvements,	DES										0	0	0							INTERSTATE MAINTENANCE
Modern	Ward Avenue (Route 7511) On-Ramp to University Interchange																				(delete, H-1 Corridor study to determine priority for this project)
Estimated Total Project Cost - \$17,000,000 -- Improve the eastbound traffic flow from Ward Avenue to the University Interchange.																					
OS19.	Interstate Route H-1, Guardrail and Shoulder Improvements,	CON													6,240	4,992	1,248				INTERSTATE MAINTENANCE
Safety	Kapiolani Interchange to Ainakoa Avenue																				
Estimated Total Project Cost - \$6,750,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.																					
OS20.	Interstate Route H-1, Guardrail and Shoulder Improvements,	CON													5,410	4,328	1,082				INTERSTATE MAINTENANCE
Safety	Middle Street (Route 7415) to Punchbowl Street (Route 7516)																				
Estimated Total Project Cost - \$5,700,000 -- Install and/or upgrade existing guardrails, crash cushions, and concrete barriers to meet current standards.																					
OS21.	Interstate Route H-1, Highway Lighting Improvements,	CON										0	0	0	6,997	1,020	5,977				INTERSTATE MAINTENANCE
SysPres	Kaimakani OP to Gulick Avenue	ADVCON													0	0	0	0	4,578	(4,578)	(Defer and inflate. Still negotiating DES consultant contract)
Phase 1																					
Estimated Total Project Cost - \$14,000,000 -- Upgrade/replace existing freeway lighting.																					
OS22.	Interstate Route H-1, Kapolei Interchange Complex	CON										4,800	4,300	500							INTERSTATE MAINT. DISCR
Modern	Phase 2																				NHS (redistribute Advance Construction reimbursements)
												45,200	5,000	40,200							
															0	20,000	(20,000)	0	11,160	(11,160)	NHS
Phase 3															560	448	112				NHS
															224	179	45				NHS
Phase 4															540	432	108				NHS
															216	172	44				NHS
Estimated Total Project Cost - \$60,000,000 -- Phase 2 will complete the construction of the Wakea Street Separation and its associated ramps. Phase 3 and 4 will complete the ultimate buildout of the Kapolei IC Complex including the completion of Palailai and Makakilo Interchanges.																					
OS83.	Interstate Route H-1, Installation of Access Control	CON	2,500	2,250	250																STP FLEXIBLE
SysPres	Makakilo Interchange to Vicinity of H-1/H-2 Interchange																				
Estimated Total Project Cost - \$2,750,000 -- Replace and/or install upgraded access control chain link fence along Interstate Route H-1. This includes replacing existing barbed wire, that was installed to keep livestock out of the freeway. With the change in land use and diversified development in the area, fencing will be upgraded to meet current land use conditions.																					
OS23.	Interstate Route H-1, Lunalilo Street Off-Ramp and On-Ramp	DES/CON													0	0	0				INTERSTATE MAINTENANCE
Congest																					(delete out of STIP. Lanes already being re-stripped in other projects)
Estimated Total Project Cost - \$6,750,000 -- Improve operation and capacity on the westbound H-1 freeway by modifying the weaving movements between the Lunalilo Street On-ramp and the Vineyard Boulevard Off-Ramp by restriping freeway lanes from the Punahou Street On-ramp to the Pali Highway Off-ramp.																					
OS24.	Interstate Route H-1, Pearl City and Waimalu Viaduct	CON																23,250	20,925	2,325	INTERSTATE MAINTENANCE
SysPres	Improvements, Phase 2																				
Estimated Total Project Cost - \$100,000,000 -- Replace, repair, and/or strengthen the Pearl City and Waimalu Viaduct concrete deck and other structural components, including guardrails. Project will be implemented in 5 phases.																					
OS25.	Interstate Route H-1, PM Contraflow, Westbound	CON																17,525	15,775	1,750	INTERSTATE MAINTENANCE
Modern	Waiawa IC Improvements (four WB through lanes), Phase I																				
Estimated Total Project Cost - \$167,000,000 -- This is the first increment of the PM contraflow project. Add a westbound lane, for a total of four lanes, through the Waiawa Interchange. This project involves restriping the Interstate H-1 from the Waiawa Interchange to Waikale.																					
OS90.	Interstate Route H-1, Rehabilitation, Middle Street to Vicinity of	CON							35,000	26,500	8,500										NHS
SysPres	Ward Avenue	ADVCON										0	5,000	(5,000)							
Estimated Total Project Cost - \$36,000,000 -- cold plane & resurface with A.C. pavement; reconstruct weakened pavement areas; restripe to provide four (4) - 10 foot through lanes; raise the top of the concrete median barrier; adjust drain inlets; upgrade guardrail end connections; install new hwy lighting; and other misc work to accommodate the extra through lane.																					
OS93.	Interstate Route H-1 Safety Improvement,	DES										500	450	50							HSIP
Safety	Beginning of H-1 (Palailai IC) to Waiawa Overpass																				
Estimated Total Project Cost - \$4,500,000 -- Scope includes, but is not limited to: Installation of milled rumble strips on shoulders; reconstruction of paved shoulders; pavement markings; and signing.																					
OS27.	Interstate Route H-1, Waiawa Interchange,	DES																3,432	2,745	687	NHS
Modern	Westbound, Waipahu Off-Ramp Improvements																				
Estimated Total Project Cost - \$24,000,000 -- Widen the westbound Waipahu off-ramp from one to two lanes.																					
OS28.	Interstate Route H-3, Safety Improvements in the Vicinity of	DES	150	135	15																HSIP
Safety	Kamehameha Hwy Off-Ramp to Kaneohe Marine Corps Base HI	CON							1,600	1,440	160										
Estimated Total Project Cost - \$1,750,000 -- Scope includes but is not limited to installation of milled rumble strips on shoulders, pavement markings and signing.																					

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS29. SysPres	Interstate Route H-3, Seismic Retrofit, Halekou Interchange, Structures 1, 2 and 3	DES																1,080	864	216	BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$3,500,000 -- Retrofit interchange structures to meet current seismic standards.																					
OS84. Enhance	Kalanianaʻole Highway (Route 72) Bicycle Improvements, Waimanalo Beach Park to Makai Pier	CON CON													250 2,453	200 1,962	50 491				EARMARK-HIGH PRIORITY STP ENHANCEMENT
Estimated total project cost - \$3,283,000 -- Improve bike route on Kalanianaʻole Highway, from Huli Street to Makai Pier.																					
OS33. SysPres	Kalanianaʻole Highway (Route 72), Bridge Replacement Inoaole Stream Bridge, Waimanalo	CON													9,360	7,488	1,872				STP FLEXIBLE
Estimated Total Project Cost - \$10,900,000 -- Replace the existing bridge.																					
OS34. Safety	Kalanianaʻole Highway (Route 72) Improvements, Olomana Golf Course to Waimanalo Beach Park Phase I, Olomana Golf Course to Poalima Street	CON ADVCON										13,520	2,000	11,520		0	8,816	(8,816)			NHS
Estimated Total Project Cost - \$41,630,000 -- Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Olomana Golf Course to Poalima Street. Project includes turning lanes, bus pullouts, and lighting improvements.																					
OS35. Safety	Kalanianaʻole Highway (Route 72) Improvements, Olomana Golf Course to Waimanalo Beach Park Phase II, Poalima Street to Aloiloi Street	DES										900	720	180							NHS
Estimated Total Project Cost - \$41,630,000 -- Construct traffic operational and safety improvements on Kalanianaʻole Highway, from Poalima Street to Aloiloi Street. Project includes turning lanes, bus pullouts, and lighting improvements.																					
OS37. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Kaipapau Stream Bridge	CON													16,225	12,980	3,245				BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$22,000,000 -- Replace the existing bridge.																					
OS39. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Laieloa Stream Bridge	ROW CON							0	0	0	193	155	38		8,775	7,020	1,755			BRIDGE ON/OFF SYSTEM (Defer, inflate; ROW was not obligated in FFY13)
Estimated Total Project Cost - \$9,500,000 -- Replace the existing concrete slab bridge on Kamehameha Highway in the vicinity of Laie.																					
OS40. SysPres	Kamehameha Highway (Route 83), Bridge Rehabilitation Makaua Stream Bridge	PREROW ROW										102	81	21		275	220	55			BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$5,600,000 -- Rehabilitate the existing 44-foot long bridge by widening and strengthening to meet current State standards.																					
OS41. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Waipilopilo Stream Bridge	PREROW ROW	200	160	40				260	208	52										BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$10,000,000 -- Replace the existing concrete T-bridge on Kamehameha Highway in the vicinity of Hauula.																					
OS43. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Kaluauui Stream Bridge	PREROW ROW										53	43	10		612	490	122			BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$11,000,000 -- Replace the existing bridge.																					
OS45. SysPres	Kamehameha Highway (Route 83), Bridge Replacement Kawela Stream Bridge	CON																9,735	7,788	1,947	BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$10,700,000 -- Replace the existing bridge.																					
OS48. SysPres	Kamehameha Highway (Route 83), Bridge Replacement South Kahana Stream Bridge	PREROW ROW				100	80	20					0	0	0	984	787	197			BRIDGE ON/OFF SYSTEM (Defer, inflate; contract needs to be amended to complete EA)
Estimated Total Project Cost - \$14,000,000 -- Replace the existing bridge.																					
OS49. SysPres	Kamehameha Highway (Route 99), Bridge Replacement Upper Poamoho Stream Bridge	PREROW ROW CON										0	0	0	104	865	260				BRIDGE ON/OFF SYSTEM EARMARK-HIGH PRIORITY BRIDGE ON/OFF SYSTEM (defer, inflate. Still negotiating with selected consultant)
Estimated Total Project Cost - \$24,600,000 -- Replace the existing multi-girder reinforced bridge on Kamehameha Highway in the vicinity of Wahiawa.																		17,300	13,840	3,460	



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PROJECT	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OS50. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waialeale Bridge	PREROW													108	85	23				BRIDGE ON/OFF SYSTEM
	ROW													540	432	108				
	CON																11,253	1,000	10,253	
	ADVCON																			
Estimated Total Project Cost - \$11,500,000 - replace the existing bridge																				
OS51. Kamehameha Highway (Route 83), Bridge Replacement SysPres Waikane Stream Bridge	PREROW				100	80	20													BRIDGE ON/OFF SYSTEM
	ROW										265	212	53							
Estimated Total Project Cost - \$8,000,000 -- Replace the existing 44-foot long bridge by widening and strengthening to meet current State standards.																				
OS94. Kamehameha Highway (Route 80), Repair and Repaint SysPres Karsten Thot Bridge	CON										8,100	6,480	1,620							BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$9,000,000 -- Repair deteriorated steel bridge framing and connections, repair concrete cracks and spalls in concrete deck slab and abutments, repaint steel bridge, and set up temporary traffic controls.																				
OS56. Kamehameha Highway (Route 83), Rockfall Protection Safety at Waimea Bay, MP 5.4 to MP 5.52	PREROW				50	40	10													NHS (Defer, inflate. Negotiating contract with selected consultant.)
	ROW										0	0	0	470	376	94				
	CON																9,690	7,752	1,938	
Estimated Total Project Cost - \$11,100,000 -- Initiate rockfall mitigation measures along Kamehameha Highway at Waimea Bay (milepost 5.4 to milepost 5.52).																				
OS58. Kamehameha Highway (Route 83), Safety Improvements, Kahana Safety Valley Road to Kaaawa Bridge	CON										1,560	1,248	312							HSIP
Estimated Total Project Cost - \$1,650,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.																				
OS60. Kamehameha Highway (Route 83), Safety Improvements Safety Vic. Of Pohuehue Road to Waikane Valley Road	DES	200	180	20																HSIP
	CON										1,000	900	100							
Estimated Total Project Cost - \$1,200,000 -- Scope includes but is not limited to installation of milled rumble strips on centerline and shoulders, superelevation assessment (to determine treatment) along entire segment, shoulder widening, drainage improvements, installation of guardrail and end treatments, pavement markings and signing.																				
OS62. Kamehameha Highway (Route 83), Safety Improvements Safety Kahekili Highway (Route 83) to Vic. Of Waikane Valley Road	CON										2,500	2,250	250							HSIP
Estimated Total Project Cost - \$3,000,000 -- Installation of milled rumble strips on centerline and shoulders, check superelevation along entire segment, pavement markings, striping and signing.																				
OS63. Kamehameha Highway (Route 83), Shoreline Protection Safety Vicinity of Hauula (#14)	DES	700	560	140																NHS
Estimated Total Project Cost - \$6,500,000 -- Construct shoreline protection measures for areas in Hauula (#14) susceptible to ocean erosion due to high wave action.																				
OS64. Kamehameha Highway (Route 83), Shoreline Protection Safety Vicinity of Kaaawa (#10)	DES	700	560	140																NHS
Estimated Total Project Cost - \$11,800,000 -- Construct shoreline protection measures for areas in Kaaawa (#10) susceptible to ocean erosion due to high wave action.																				
OS65. Kamehameha Highway (Route 83) Shoreline Protection, Safety Vicinity of Punaluu (#9)	CON													6,885	5,508	1,377				NHS
Estimated Total Project Cost - \$7,750,000 -- Construct shoreline protection measures for areas in Punaluu (#9) susceptible to ocean erosion due to high wave action.																				
OS67. Kamehameha Highway (Route 83) Wetland Enhancement, Enhance Vicinity of Ukoa Pond	CON													6,240	4,992	1,248				NHS
Estimated Total Project Cost - \$6,750,000 -- Enhance wetlands near Ukoa Pond as a mitigation for previous impacts and wetland banking for future use. This is a wetland mitigation project on the North Shore that is related to the construction of the Haleiwa Bypass Road.																				
OS91. Kualakai Parkway (Route 8930) Extension Modern	CON													17,000	13,600	3,400				STP FLEXIBLE
Estimated Total Project Cost - \$20,000,000 -- Extend Kualakai Parkway approximately 0.3 miles from Kapolei Parkway to Roosevelt Avenue.																				
OS69. Leeward Bikeway, Phase I, Waipio Pt. Access Rd. to Enhance Hawaiian Railway Society Train Station	CON										9,020	7,216	1,804							STP ENHANCEMENT
Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Waipio Point Access Road to the northeast end of the existing West Loch Bikepath and from the southwest end of the existing West Loch bikepath to the Hawaii Railway Society Train Station.																				

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OS70.	Leeward Bikeway, Phase II, Hawaiian Railway Society Train	DES	2,500	2,000	500																STP ENHANCEMENT (Defer and inflate - environmental documentation not ready)
Enhance	Station to Lualualei Naval Road	PREROW										0	0	0	104	83	21				
		ROW													0	0	0	2,805	2,244	561	
	Estimated Total Project Cost - \$19,000,000 -- Improve the bikeway/bike path from the Hawaii Railway Society Train Station to Lualualei Naval Road.																				
OS96	Middle Street (Route 7415) Pavement Reconstruction	CON										3,000	3,000	0							HIGHWAYS FOR LIFE
Equip	King Street (7410) to Kamehameha Highway (Route 7401)	CON										12,000	12,000	0							STP FLEXIBLE (HFL funds are eligible to match the STP Flex funds) (NEW PROJECT)
	Estimated Total Project Cost - \$16,000,000 -- This is a pavement reconstruction project that will implement the use of post-tensioned precast concrete pavement panels to accelerate construction to reduce lane closures. This will replace the existing AC pavement. Other roadway items will be upgraded to current standards.																				
OS71.	Moanalua Freeway (Route 78) and Interstate Route H-2	CON													6,000	4,800	1,200				NHS
Safety	Guardrail and Shoulder Improvements																				
	Estimated Total Project Cost - \$6,200,000 -- Install and/or upgrade the existing guardrails. Reconstruct and pave road shoulders.																				
OS72.	Moanalua Freeway (Route H-201), Highway Lighting Improvements	CON													6,000	4,800	1,200				NHS
SysPres	MP 1.12 to MP 4.09 ( Halawa Hts. Off-Ramp to Middle St. Overpass)																				
	Estimated Total Project Cost - \$8,500,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway, from the Halawa Heights westbound off-ramp (milepost 1.12) to the Moanalua/H-1 Freeway merge at Middle Street (milepost 4.09).																				
OS73.	Moanalua Freeway (Route H-201), Highway Lighting Improvements	CON										0	0	0	2,387	1,910	477				NHS
SysPres	MP 0 to MP 0.73 (Halawa to H-3 Fwy Overpass)																				(Defer and inflate. Still negotiating consultant contract)
	Estimated Total Project Cost - \$8,500,000 -- Upgrade/replace existing freeway lighting on Moanalua Freeway from the Ewa end of the Moanalua Freeway (milepost 0) to the H-3 Freeway overpass (milepost 0.73).																				
OS74.	Moanalua Freeway (Route H-201) Seismic Retrofit,	CON																3,950	3,160	790	BRIDGE ON/OFF SYSTEM
SysPres	Puuloa Interchange, Ramp "A"																				
	Estimated Total Project Cost - \$4,800,000 -- Retrofit interchange structure to meet current seismic standards.																				
OS75.	Moanalua Freeway (Route H-201) Seismic Retrofit,	CON																6,450	5,160	1,290	BRIDGE ON/OFF SYSTEM
SysPres	Puuloa Separation																				
	Estimated Total Project Cost - \$7,300,000 -- Retrofit interchange structure to meet current seismic standards.																				
OS79.	Recreational Trails Program - Oahu	CON	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	359	287	72	NATIONAL RECREATIONAL TRAILS (DLNR)
Enhance	Estimated Total Project Cost - \$2,154,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use.																				
OS97	Sand Island Access Road (Route 64), Truck Weigh Station	DES										130	104	26							NHS
SysPres	Kapalama Container Terminal	ROW										125	100	25							(New Project)
	Estimated Total Project Cost - \$5,000,000 -- design, construct & operate a truck weigh station to perform truck inspections & driver credential checks @ the egress of the container terminal on Sand Island Acc Rd. This includes aux. lanes to accommodate trucks, traffic controls, truck weighing infrastructure & computer hardware/software, operator kiosk/office.																				
OS81.	Vineyard Blvd (Route 98) Improvements, Vicinity of	DES							52	0	52										LOCAL
Modern	Queen's Medical Center	CON							0	0	0	12,730	2,277	10,453							INTERSTATE MAINT. DISCR (defer and inflate - design was not ready in 2013. A small earmark is available for this project)
	Estimated Total Project Cost - \$13,000,000 -- Install a right turn lane from Lusitana Street to the Vineyard Boulevard eastbound freeway on-ramp. This project being designed by QMC.																				
OAHU : STATE - FHWA TOTAL			44,344	36,266	8,078	59,509	40,507	19,002	102,051	62,281	39,770	207,089	84,168	122,921	169,920	142,573	27,347	162,968	119,517	43,451	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **PROPOSED REVISION #17**  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: December 30, 2013

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OAHU : STATE - FTA																					
OS85. JARC (Small Urban)	Human	EQP/OPR	175	140	35	140	70	70	140	70	70										FTA SECTION 5316 (JARC) Small Urban
		Estimated Total Project Cost - \$455,000 -- Job Access & Reverse Commute Program (Section 5316). Funds for the JARC program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.																			
OS86. New Freedom (Small Urban)	Human	EQP/OPR	144	115	29	120	60	60	232	116	116										FTA SECTION 5317 (New Freedom) Small Urban
		Estimated Total Project Cost - \$496,000 -- New Freedom Program (Section 5317). Funds from the New Freedom program will be utilized for the purchase of vehicles, general equipment and/or operating expenses.																			
OS95. Transportation Assistance for Elderly and Disabled	Human	EQP							500	400	100	519	415	104	553	430	123	556	445	111	FTA SECTION 5310 (refined funding distribution/estimate)
		OPR							375	300	75	350	280	70	363	290	73	375	300	75	
		Estimated Total Project Cost - \$3,661,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for either the purchase of buses or operating expenses for the program audience.																			
OAHU : STATE - FTA TOTAL			319	255	64	260	130	130	1,247	886	361	869	695	174	916	720	196	931	745	186	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **PROPOSED REVISION #17**  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)				
CITY & COUNTY OF HONOLULU - FHWA																					
OC1. Transit	Alapai Transit Center Multi-Use Path	CON	210	0	210													STP FLEXIBLE			
Estimated Total Project Cost - \$810,000 -- Construct a multi-use path between Alapai Street and Kealamakai Street. This will serve as a connection of the multi-use path from Ewa of Alapai to Hotel Street and will provide a path for pedestrians and bicyclists.																					
OC2. Congest	Alapai Transportation Management Center																				
	Architectural/Engineering Consultant	DES			1,000	0	1,000											LOCAL			
	Architectural/Engineering Consultant	DES	4,500	4,400	100													STP FLEXIBLE			
	Management Center Building	DES/CON					4,301	3,440	861	16,650	6,306	10,344	22,972	8,409	14,563	23,207	8,120	15,087	STP FLEXIBLE		
	Parking Structure	CON	13,375	0	13,375	4,000	0	4,000										LOCAL			
	System Manager	DES					2,700	2,160	540	460	0	460	1	0	1	1	0	1	STP FLEXIBLE		
		EQP											1	0	1	1,700	0	1,700	LOCAL		
Estimated Total Project Cost - \$83,097,000 -- The transportation management center will be a joint communication center to be built in front of the Alapai Transit Center. The center will facilitate active traffic management through co-location and information sharing by City and State traffic management operations and the City's emergency response agencies.																					
OC3. Enhance	Bicycle Projects	EQP					10	0	10				10	0	10				LOCAL		
	Kalaheo Avenue	PLN	1	0	1								1	0	1	1	0	1	LOCAL		
		ROW	1	0	1								1	0	1	1	0	1	LOCAL		
		CON	2106	1556	550														STP FLEXIBLE		
	King Street/ McCully Street	PLN								0	0	0							LOCAL (delete project from group		
		DES											0	0	0				STP FLEXIBLE listing)		
	Kealaolu Ave Shoulder Improvements	DES			1	0	1												LOCAL		
		CON			620	496	124												STP FLEXIBLE		
		CON					190	0	190	250	200	50							STP FLEXIBLE		
	Civic Center Bike Path Improvements	CON			325	260	65												STP FLEXIBLE		
Design a bikepath through Thomas Square Park and widening the existing shared use path through the Civic Center complex																					
	Hamakua Drive Bike Improvements	DES					100	80	20										STP FLEXIBLE		
		CON											800	640	160				STP FLEXIBLE		
	Diamond Head Rd/Monsarrat Ave/Makapuu Ave/18 <sup>th</sup> Ave Bike Improvements	ROW					1	0	1	1	0	1							LOCAL		
		PLN					1	0	1										LOCAL		
		DES	148	0	148														LOCAL		
		CON					760	560	200	180	0	180							STP FLEXIBLE (revise cost estimate)		
	Pearl Harbor Bike Path	DES								500	400	100							STP FLEXIBLE		
		CON														2000	1600	400			
	Waialae Avenue Bike Lanes	DES					40	0	40										LOCAL		
		CON					80	0	80	0	0	0							LOCAL (revise cost estimate)		
	UH/Waikiki Area Improvements	DES								0	0	0							LOCAL (delete project from group		
		CON											0	0	0				LOCAL listing)		
	TBD	CON								3	0	3	280	160	120	250	200	50	STP FLEXIBLE (revise cost estimate)		
Estimated Total Project Cost - \$8,565,000 -- This is an ongoing islandwide program for the implementation of the Oahu Bicycle Master Plan improvements, the development of new projects and the upgrade of existing bicycle facilities.																					
OC4. SysPres	Bridge Inspection and Appraisal	DES	900	720	180	900	720	180	1,000	800	200	1,000	800	200	1,000	800	200	1,000	800	200	BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$5,800,000 -- Inventory, inspect and appraise City bridges, including underwater inspection, surveys, scour survey/evaluation and preparation of plans for bridge repairs.																					

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **PROPOSED REVISION #17**  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
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PROJECT		PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
OC5. Congest	Computerized Traffic Control System Phase 13: Mililani Mauka Area	EQP	1	0	1				1	0	1										LOCAL
		CON				3,307	2,527	780													STP FLEXIBLE
	Phase 14: Mililani Town - Part 1	CON															3,385	2,708	677		STP FLEXIBLE
	Phase 15 & 16: Mililani Town (Part 2) & Expand Fiber to Wahiawa Ph 15 - Mililani Town - Part 2 Ph 16 - Wahiawa	DES	250	200	50																
		DES				375	300	75													
		DES																			
	Phase 17: Makakilo Area	DES															420	336	84		STP FLEXIBLE
	Phase 18: Nanakuli Area	DES																			STP FLEXIBLE
	Estimated Total Project Cost - \$23,961,000 -- Upgrade and expand fiber optic lines, closed-circuit television (CCTV) cameras, data collection and signal control in the urban center and outlying areas for connectivity to the Honolulu Traffic Control Center.																				
OC6. Congest	Kapolei Parkway (Route 8920)	DES	1	0	1																LOCAL
		CON	5,200	0	5,200																STP FLEXIBLE
	Urban Core 4: Kunehi Street to Kamaaha Ave	CON	3,388	0	3,388																LOCAL
		CON	7,813	7,813	0																STP FLEXIBLE
		CON																			
	Urban Core 5: Kamaaha Ave to Kamokila Blvd	CON				773	0	773	2,200	0	2,200										LOCAL
		CON				3,164	3,164	0													STP FLEXIBLE
		CON																			
	Urban Core 4A: Kamaaha Intersection	CON																			LOCAL
		CON																			STP FLEXIBLE
		CON																			
OC7. Modern	Estimated Total Project Cost - \$20,339,000 -- Construct Kapolei Parkway from Kanehi Street to Kamokila Boulevard. Kamokila Boulevard to Kama'aha Avenue will be federally funded. The segment from Kama'aha Avenue to Kunehi Street will be locally funded.																				
	Makakilo Drive (Route 8810) Extension Phase 1	DES							3,000	0	3,000										LOCAL (add DES phase)
		CON													0	0	0				LOCAL (delete CON phase)
	Estimated Total Project Cost - \$85,500,000 -- Construct an extension of Makakilo Drive from Palehua Subdivision to the H-1 Freeway																				
	Salt Lake Blvd (7311) Route Widening Maluna Street to Ala Lili'oi Street	CON										22,000	0	22,000	22,000	17,600	4,400	22,000	17,600	4,400	STP FLEXIBLE
		CON																			
		CON																			
	Estimated Total Project Cost - \$66,000,000 -- Widen Salt Lake Boulevard from two to six lanes, between Maluna Street and Ala Lili'oi Street.																				
	Seismic Bridge Retrofit	DES															600	480	120		BRIDGE OFF-SYSTEM
		CON										1,500	1,200	300							BRIDGE OFF-SYSTEM
OC9. SysPres	Estimated Total Project Cost - \$66,000,000 -- Widen Salt Lake Boulevard from two to six lanes, between Maluna Street and Ala Lili'oi Street.																				
	Estimated Total Project Cost - \$2,100,000 -- Research various bridge plans and files, do site inspections, conduct seismic evaluations, identify alternate schemes for seismic retrofit. Construct retrofit measures.																				
	Kuakini Street Extension	PLN				10	0	10				10	0	10							LOCAL (revise cost estimate)
		DES				10	0	10				10	0	10							LOCAL (revise cost estimate)
		CON																			STP FLEXIBLE (revise cost estimate)
		CON							2,107	2,107	0										LOCAL (add Local CON phase)
		INSP										10	0	10							LOCAL (add INSP phase)
	Estimated Total Project Cost - \$5,782,000 -- Plan, design, construct and inspect traffic improvements to connect Kuakini Street to Hala Drive to alleviate the daily traffic congestion at the intersection of Kuakini Street and Lanakila Avenue. Project includes the installation of new sidewalks.																				

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **PROPOSED REVISION #17**  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
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PROJECT	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC10. Safety	Traffic Improvements at Various Locations																			
	Palolo Area	DES	300	0	300			200	0	200										LOCAL
		CON									2,409	1,927	482	990	0	990				STP FLEXIBLE
	Provide traffic engineering devices on Palolo Avenue, 9th Avenue, and 10th Avenue. This may include roundabouts, bulbouts, and intersection modifications.																			
	Harding Ave. and 5th Ave. and 11th Ave.	CON						288	0	288	301	201	100							STP FLEXIBLE
	Widen the roads and improve the traffic signal system to allow for protected left turns at the Harding Avenue/5th Avenue intersection and the Harding Avenue/11th Avenue intersection.																			
	Waiakamilo and Dillingham Intersection	DES				1	0	1	300	0	300									
		CON							1,130	930	200	300	200	100						
	Improve the intersection at Dillingham Blvd and Waiakamilo Street, by adding left turn lanes on Waiakamilo Street and modifying the signals.																			
	Waikiki Area	ROW												0	0	0				STP FLEXIBLE (delete project from
		PLN							0	0	0									LOCAL group listing)
		DES									0	0	0							LOCAL
		CON												0	0	0				STP FLEXIBLE
	Conduct a study to evaluate traffic congestion and safety in the Waikiki area, near the Kalakaua Avenue/McCully Street intersection.																			
	Kalaheo Ave and Kailua Road	ROW									50	0	50	0	0	0	112	82	30	STP FLEXIBLE (defer and inflate)
		PLN									50	0	50	0	0	0	51	0	51	LOCAL (defer and inflate)
		DES									618	400	218				100	80	20	STP FLEXIBLE (revise cost estimate)
		CON												0	0	0	1,785	1,428	357	STP FLEXIBLE (defer and inflate)
	Conduct a study to evaluate traffic congestion and safety for the intersection at Kalaheo Avenue and Kailua Road. A roundabout is being considered but actual improvements are to be determined as a result of the study.																			
	Village Park and Kupuna Loop	ROW															200	160	40	STP FLEXIBLE
		DES												450	360	90				STP FLEXIBLE
		CON															2,815	2,250	565	STP FLEXIBLE
	Conduct a sub-area traffic safety and circulation study of existing roadway conditions along Kupuna Loop. The result of the study will determine actual improvements and locations.																			
	TBD	DES															800	400	400	LOCAL
		CON									300	50	250	200	0	200	500	0	500	STP FLEXIBLE (revise cost estimate)
	Estimated Total Project Cost - \$11,823,000 -- Provide traffic congestion relief and improve safety at locations such as Dillingham Boulevard and Waiakamilo Road, Haleiwa Road and Kamehameha Highway, Palolo and Nanakuli.																			
OC30. Congest	Traffic Signal Maintenance Facility	DES						1	0	1	70	0	70							LOCAL
		ROW									10	0	10							
		EQP						1	0	1										
		CON						5,000	4,000	1,000										STP FLEXIBLE
	Estimated Total Project Cost - \$5,082,000 -- Construct a traffic signal maintenance facility for traffic, pedestrian signals and traffic technology.																			
OC26. Congest	Traffic Signal Optimization																			
	Phase 4 - Waianae, Lower Ewa Beach, Nimitz Highway (under viaduct)/Mapunapuna, Kapiolani Blvd/Ala Moana, and East Oahu	DES				450	360	90												STP FLEXIBLE
	Phase 5 - Wahiawa/Schofield, North Shore, Mililani, Waipahu/Kunia, Pearlridge/Aiea/Halawa, Komo Mai Drive, Kalihi Valley, Nuuanu/Liliha/Pauoa, Manoa/Makiki, Kapahulu, Kaimuki, Waialae/Kahala, Kaneohe/Kahaluu, and Pali/Waimanalo	DES				1,020	816	204												STP FLEXIBLE
	Estimated Total Project Cost - \$1,470,000 -- Optimize traffic signal timing, coordination and implementation plans to reduce vehicle congestion, travel times, and fuel consumption. Optimize timings for 408 traffic signals located in various areas on Oahu. The flashing "don't walk" times on the traffic signals will utilize the slower pedestrian crossing times in the latest Manual on Uniform Traffic Control Devices. Additional roadway widths for bike lanes and paths will be considered in retiming the traffic signals.																			

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OC11. Congest	Traffic Signals at Various Locations																				
	Phase 13 - University area, S. Beretania St/ Ward Ave, N. Beretania St/River St, and Kapiolani Blvd/Date St	CON				3,270	2,625	645												STP FLEXIBLE	
		EQP	1	0	1															LOCAL	
	Install new traffic signals at University Ave/Coyne St. and at Harding Ave/4th Ave. Modify existing traffic signals at University Ave/Metcalf St (left turn phase), University Ave/Maile Way (left turn phase), Beretania St/Ward Ave (audio ped signal), Beretania/River St (upgrade), and Kapiolani Blvd/Date St (upgrade).																				
	Phase 14 - Moanalua Road/Waimano Home Rd/Kuala St, 7th Ave/Harding Ave, Diamond Head Rd/Makapuu Ave,	PLN	1	0	1				0	0	0									LOCAL (revise cost estimate)	
		DES	350	280	70															STP FLEXIBLE	
	Diamond Head Rd/18th Ave, Pacific Hts/Pauoa Rd, N. Vineyard Blvd/Pua Ln, Aala Rd flasher, Waipahu St/Honowai St, and Kapahulu Ave/Lemon Rd	CON							0	0	0	3,000	2,349	651						STP FLEXIBLE (defer and decrease estimate)	
		EQP							0	0	0	1	0	1						LOCAL (defer)	
	Prepare designs for new traffic signals at Harding Ave/7th Ave and Waipahu St/Honowai St. Upgrade traffic signals at Waimano Home Rd/Kuala St, Pacific Hts Rd/Pauoa Rd, and Vineyard Blvd/Pua Ln. Prepare design for flashing school beacon on Alala Rd.																				
	Phase 15 - S. King St/Keala Makai St, S. King St/Pensacola St, South St/Kawaihao St, Makaloa St/Sheridan St, Prospect St, California Ave/Wahiawa Rec Ctr, Kamehameha Hwy/Lipoa St Design new traffic signals at Kahuhipa St/Kawa St, S. King St/Keala Makai St, S. King St/Cooke St, S. King St/Pensacola St, South St/Kawaihao St, and Makaloa St/Sheridan St. Design modified existing traffic signals at S. King St/Pensacola St (audio pedestrian signal).	PLN				1	0	1												LOCAL	
	DES				430	380	50												STP FLEXIBLE		
	CON										0	0	0	3,060	2,396	664			STP FLEXIBLE (defer and inflate)		
	EQP										0	0	0	1	0	1			LOCAL (defer)		
	Phase 16 - Kapiolani Blvd/Kaimuki Ave (Left turn), S. King St/Ward Ave (audio pedestrian signal), Salt Lake Blvd/Radford Dr (Left turn, Ewa bound), Ulune St/Service Rd, Farrington Hwy/Nanaikeola St, Neho St/Mott-Smith Dr	DES						350	280	70										STP FLEXIBLE	
		CON											0	0	0	3,316	2,652	664	STP FLEXIBLE (defer and inflate)		
		EQP											0	0	0	1	0	1	LOCAL (defer)		
	Phase 17	PLN									1	0	1	1	0	1			LOCAL		
		DES									450	360	90	364	291	73			STP FLEXIBLE		
		CON														4,000	3,349	651	STP FLEXIBLE		
		EQP														1	0	1	LOCAL		
	Phase 18	PLN														1	0	1	LOCAL		
		DES														364	291	73	STP FLEXIBLE		
Estimated Total Project Cost - \$20,248,000 -- Install, modify & upgrade traffic signals island wide, including ADA improvements, signs & markings & interties. The project provides for the safe & orderly movements of pedestrians & vehicles at high-risk intersections. The project upgrades existing intersections, adds left turn phases, increases signal visibility & coordination.																					
OC12. Safety	Upgrade Pedestrian Signals at Various Locations, East Honolulu, Pearl City, Ewa and Windward areas	DES	30	0	30															LOCAL	
		CON	480	360	120	150	0	150												STP FLEXIBLE	
	Estimated Total Project Cost - \$660,000 -- Install and upgrade pedestrian signals island wide to the new countdown pedestrian signals. The project will also upgrade existing pedestrian push buttons to ADA compliant push buttons.																				
OAHU : C&C OF HONOLULU - FHWA TOTAL			39,056	15,329	23,727	19,807	11,648	8,159	23,761	14,357	9,404	51,104	14,393	36,711	52,132	30,656	21,476	68,611	42,536	26,075	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **PROPOSED REVISION #17**  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: December 30, 2013

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PROJECT		FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS	
PHASE		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
CITY & COUNTY OF HONOLULU - FTA																					
OC13. Agency Provided Trips																					
Human	OPR										412	206	206	0	0	0	0	0	0	FTA \$5316 JARC Urb (revise cost estimates)	
	OPR	230	115	115	422	190	232	426	191	235	495	247	248	0	0	0	0	0	0	FTA \$5317 NF Urb (revise cost estimates)	
	OPR										178	89	89	312	156	156	324	162	162	FTA \$5307 (new funding category)	
Estimated Total Project Cost - \$2,799,000 -- To operate transportation services that would help reduce the number of trips on The Handi-Van and lower operating costs while improving service.																					
OC14. Bus and Handi-Van Acquisition Program																					
Transit	EQP							0	0	0	16,087	13,000	3,087	48,006	12,006	36,000	20,000	2,000	18,000	FTA \$5307/\$5340 (revise cost estimates)	
	EQP				9,984	7,987	1,997				16,752	12,564	4,188							FTA \$5307/\$5340 (2011)	
	EQP	5,713	4,998	715																FTA \$5307/\$5340 (2012)	
	EQP																			FTA \$5307/\$5340 TIGGER II	
	EQP	2,436	1,949	487	2,500	2,000	500	0	0	0	0	0	0	0	0	0	0	0	0	FTA \$5309 FGM (being replaced by \$5338 SOGR below)	
	EQP							2,500	1,888	612										FTA \$5309 FGM (2008)	
	EQP				14,040	12,000	2,040													FTA \$5309 SOGR	
	EQP										7,800	5,000	2,800							FTA \$5309 SOGR (2012) (new)	
	EQP										1,360	1,088	272	1,415	1,132	283	1,471	1,177	294	FTA \$5337 SOGR (new)	
	EQP										1,308	1,046	262							FTA \$5337 SOGR (2013) (new)	
	EQP										8,902	7,121	1,781	4,720	3,776	944	4,909	3,927	982	FTA \$5339 (2013) (new)	
	EQP													0	0	0	0	0	0	0 LOCAL (revise cost estimates)	
	INSP	20	18	2	50	45	5													FTA \$5307/\$5340 TIGGER II	
	INSP	104	0	104	111	0	111	115	0	115	0	0	0	0	0	0	0	0	0	0 LOCAL (revise cost estimates)	
	Estimated Total Project Cost - \$170,303,000 -- Purchase replacement transit buses and handi-van vehicles at estimated vehicle cost.																				
FFY 2011: 8-45' buses																					
FFY 2012: 35<30' vehicles + 13-40' buses																					
FFY 2013: 55<30' vehicles + 112-40' buses																					
FFY 2014: 25<30' vehicles + 4-30' bus + 26 37'-40' buses + 4>40' buses + 10-60' buses.																					
FFY 2015: 30<30' vehicles + 5-35' buses + 15-40' buses + 44-48' buses + 10-60' buses																					
FFY 2016: 30<30' vehicles + 9-30' buses + 5-35' buses + 44 25'-40' buses + 6-45' buses + 10-60' buses																					
OC27. Bus Stop ADA Access Improvements																					
Transit	PLN							1	0	1	1	0	1	1	0	1	1	0	1	LOCAL	
	DES							270	0	270	270	0	270	270	0	270	270	0	270	LOCAL	
	CON							625	368	257	325	0	325	325	0	325	325	0	325	FTA \$5307/\$5340	
	EQP							1	0	1	1	0	1	1	0	1	1	0	1	LOCAL	
	ROW							1	0	1	1	0	1	1	0	1	1	0	1	LOCAL	
Estimated Project Cost - \$2,692,0000 - To modify bus stops in compliance to the Americans With Disabilities Act (ADA).																					
OC28. Bus Stop Pad Improvements																					
Transit	ROW													10	0	10	10	0	10	LOCAL	
	DES							150	0	150	100	0	100	82	0	82	82	0	82	LOCAL	
	CON							825	306	519	825	0	825	432	0	432	432	0	432	FTA \$5307/\$5340	
Estimated Project Cost - \$2,948,000 - To construct bus pads at various locations to improve bus stops located in poor roadway conditions.																					
OC29. Bus Stop Site Improvements																					
Transit	ROW							1	0	1										LOCAL	
	PLN							5	0	5	5	0	5	5	0	5	5	0	5	LOCAL	
	DES							200	0	200	90	0	90	90	0	90	90	0	90	LOCAL	
	CON							625	332	293	405	0	405	405	0	405	405	0	405	FTA \$5307/\$5340	
	EQP							1		1	5	0	5	1	0	1	1	0	1	LOCAL	
Estimated Project Cost - \$2,339,000 - To improve bus stops, shelters, benches and other improvements at various locations.																					



DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **PROPOSED REVISION #17**  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: December 30, 2013

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PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC15. Honolulu High Capacity Transit Corridor Project <b>Transit</b> (HHCTCP)	HHCTCP																			FTA \$5307/\$5340
	HHCTCP	80,900	30,000	50,900							888,801	250,000	638,801	103,024	32,000	71,024	63,116	33,000	30,116	FTA \$5309 NS (2010)
	HHCTCP							171,875	55,000	116,875				643,976	200,000	443,976	382,884	200,000	182,884	FTA \$5309 NS (2011)
	HHCTCP							698,475	200,000	498,475										FTA \$5309 NS (2012)
	HHCTCP							825,100	250,000	575,100										FTA \$5309 NS (2013)
	Estimated Total Project Cost - \$5,163,495,000 -- Plan, design and construct a fixed guideway system between East Kapolei and Ala Moana Center. The system includes stations and related appurtenances, park-and-ride facilities, a maintenance and storage facility, light metro vehicles and associated core systems.																			
	a. Total estimated HHCTCP cost (YOE\$000) = \$5,163,495 (excluding Unallocated Contingency amount of \$184,186); ROW = \$125,075; PROF SVCS = \$933,589; CON = \$3,360,070; EQUIP = \$450,907; FINANCE CHARGES = \$290,294; RELOC = \$3,560																			
	b. The estimated total project cost reflects escalation calculated by FTA's Project Management Oversight Consultant.																			
	c. Estimated local share of total estimated costs (excluding Unallocated Contingency) is approximately \$3,372,675 (YOE\$000).																			
OC16. Local Shuttle Service <b>Human</b>																				
	EQP							0	0	0										FTA \$5316 JARC Urb
	OPR				190	95	95	208	104	104	0	0	0	0	0	0	0	0	0	FTA \$5316 JARC Urb
	OPR										204	102	102	212	106	106	220	110	110	FTA \$5307 (revise cost estimates)
	Estimated Total Project Cost - \$1,034,000 -- To maintain and expand shuttle services provided at Kalaheoa homeless shelter sites and the Kapolei Transit Center to address transportation needs of low income persons.																			
	PLN																			
	DES	300	0	300										2,500	0	2,500	200	0	200	LOCAL
	CON													1,810	1,327	483	29,322	23,458	5,864	FTA \$5309 BC
	EQP																1	0	1	LOCAL
OC18. Mobility Management <b>Human</b>																				
	OPR	496	397	99	318	254	64	318	254	64	220	176	44	0	0	0	0	0	0	FTA \$5316 JARC Urb (revise cost estimates)
	OPR	100	80	20	54	43	11	54	43	11							0	0	0	FTA \$5317 NF-Urb (revise cost estimate)
	EQP										0	0	0	0	0	0	0	0	0	FTA \$5316 JARC-Urb (delete)
	OPR										551	441	110	400	320	80	416	332	84	FTA \$5307 (revise cost estimates)
	Estimated Total Project Cost - \$2,927,000 -- To coordinate transit and human service transportation to improve access to transportation for seniors, people with disabilities, and persons with low incomes.																			
	OPR				43,080	21,000	22,080	40,034	25,000	15,034	46,595	26,000	20,595	48,459	0	48,459	50,397	0	50,397	FTA \$5307/\$5340 (revise cost estimate)
	OPR							0	0	0	7,864	4,200	3,664							FTA \$5307/\$5340 (2008) (defer)
	OPR				45,584	27,161	18,423													FTA \$5307/\$5340 (2011)
OC24. Special Needs Transportation <b>Human</b>																				
	OPR	146	73	73																FTA \$5317 NF-Urb
	Estimated Total Project Cost - \$146,000 -- To maintain and expand shuttle services to meet transportation needs of frail seniors 60 years and over to include late afternoon, evening hours and weekend service.																			
	PLN	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	DES	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	CON							1	0	1	1	0	1	1	0	1	1	0	1	LOCAL
	EQP							413	330	83	413	330	83	413	330	83	413	330	83	FTA \$5307/\$5340
	EQP				455	365	90													FTA \$5307/\$5340 (2011)
OC21. Transit Safety and Security Projects <b>Transit</b>	EQP							754	364	390										FTA \$5307/\$5340 (2012)
	Estimated Total Project Cost - \$2,877,000 -- Capital projects at various transit locations to improve safety and security in transit vehicles at future and existing bus stops and transit centers, park-and-ride lots, and bus maintenance facilities.																			
	PLN										1	0	1	1	0	1	1	0	1	LOCAL
	ROW										1,000	0	1,000	1	0	1	1	0	1	LOCAL
	DES										50	0	50	8,000	0	8,000	1	0	1	LOCAL
	CON													1	0	1	21,500	17,200	4,300	FTA \$5309 BC
	RELOC													1	0	1	1	0	1	LOCAL
	EQP										1,000	0	1,000							LOCAL
OC22. West Oahu Bus and Handi-Van Maintenance Facility <b>Transit</b>																				
	PLN																			
	ROW																			
	DES																			
	CON																			
	RELOC																			
	EQP																			
	Estimated Total Project Cost - \$31,761,000 -- Plan, design, and construct a maintenance facility for bus and handi-van operations in West Oahu.																			

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **PROPOSED REVISION #17**  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
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PROJECT	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
OC23. Windward Transit Center Transit																				
	PLN										1	0	1	1	0	1				LOCAL
	ROW										1	0	1	1	0	1				LOCAL
	DES										200	0	200	200	0	200				LOCAL
	CON										3,000	0	3,000							LOCAL
	INSP										150	0	150	1	0	1				LOCAL
	EQP										1	0	1	1	0	1				LOCAL
Estimated Total Project Cost - \$3,735,000 -- Plan, design, construct and inspect a transit center in Windward, Oahu.																				
OAHU : C&C OF HONOLULU - FTA TOTAL		90,447	37,630	52,817	116,790	71,140	45,650	1,759,732	546,744	1,212,988	988,625	309,046	679,579	865,081	251,153	613,928	576,804	281,696	295,108	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - OAHU																				
IM (Interstate Maintenance)			0			25,520			0			255			17,979			52,133		
NHS (National Highway System)			11,720			7,440			40,850			36,444			60,583			27,241		
BRIDGE OFF-SYSTEM			720			720			800			2,000			800			1,280		
BRIDGE ON/OFF SYSTEM			3,930			160			208			8,835			39,526			37,612		
STP ENHANCEMENT			2,000			0			0			7,216			2,045			2,244		
STP FLEXIBLE			30,859			18,028			22,857			27,385			50,944			41,256		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			287			287			287			287			287			287		
EARMARK - HIGH PRIORITY			0			0			800			0			1,065			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			0			0			0			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			0			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP- Highway Safety Improvement Program			2,079			0			10,836			6,562			0			0		
NRCS - National Resources Conservation Service			0			0			0			0			0			0		
			0			0			0			0			0			0		
HIGHWAYS FOR LIFE			0			0			0			3,000			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			6,577			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
	SUBTOTAL		51,595			52,155			76,638			98,561			173,229			162,053		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			0			(800)			(9,577)			(1,065)			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		51,595			52,155			75,838			88,984			172,164			162,053		

DEPARTMENT OF TRANSPORTATION  
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FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
HS1. Modern	Akoni Pule Hwy (RTE 270) Realignment & Widening at Aamakao Gulch	CON													7,570	6,056	1,514				STP FLEXIBLE
HS2. Enhance	Akoni Pule Highway (Route 270), Bicycle Improvements, Mahukona Wharf Access Road to Hawi Road	DES										0	0	0							STP FLEXIBLE (Delete. Developing bike project implementation plan to establish prioritized bike projects for funding)
HS42. SysPres	Bridge and Pavement Improvement Program, Hawaii	CON				0	0	0	15,414	0	15,414	16,500	0	16,500	16,500	0	16,500	16,500	0	16,500	IM / NHS / STP FLEXIBLE
			5,000	4,000	1,000																
			400	320	80																
			3,200	2,560	640																
			5,100	4,080	1,020																
			3,600	2,880	720																
						2,125	1,700	425													
						3,375	2,700	675													
						6,000	4,800	1,200													
									5,430	4,344	1,086										
																		</			

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
HS8. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kealakaha Bridge Towards Kaula Bridge	Safety	CON										0	0	0				1,515	1,212	303	NHS (Defer and inflate. No PM assigned)
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kealakaha Bridge to Kaula Bridge																					
HS10. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Papalele Rd towards Kaumoali Bridge	Safety	CON	1,514	1,211	303																NHS
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders along Hawaii Belt Road from Papalele Road towards Kaumoali Bridge.																					
HS11. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Kaala Bridge Towards Kealakaha Bridge	Safety	CON																1,500	1,200	300	NHS
Estimated Total Project Cost - \$1,800,000 -- Improve guardrail and shoulders from Kaala Bridge to Kealakaha Bridge.																					
HS12. Hawaii Belt Road (Route 19), Guardrail and Shoulder Improvements, Waipunahina Bridge to East Paaulo Bridge	Safety	DES CON				112	90	22							1,660	1,328	332				NHS
Estimated Total Project Cost - \$1,700,000 -- Improve guardrail and shoulders from Waipunahina Bridge to E. Paaulo Bridge.																					
HS13. Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase I (Laupahoehoe Gulch)	Safety	CON ADVCON													36,500	12,000	24,500	0	5,000	(5,000)	NHS
Estimated Total Project Cost - \$36,300,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Laupahoehoe Gulch.																					
HS14. Hawaii Belt Road (Route 19), Rockfall Protection at Various Sections, Phase II (Maulua Gulch)	Safety	DES													650	520	130				NHS
Estimated Total Project Cost - \$17,000,000 -- Slope protection along Route 19, Hawaii Belt Road, in the vicinity of Maulua Gulch.																					
HS38. Hawaii Belt Road (Route 19) Safety Improvements & Resurfacing Vic. of Laupahoehoe Gulch to Kaawali Gulch	Safety	CON				2,000	1,800	200													HSIP NHS
Estimated Total Project Cost - \$9,500,000 -- Installation of milled rumble strips on centerline and shoulders, pavement markings, striping and signage. Resurfacing between the gulches						7,000	5,600	1,400													
HS16. Hilo Bayfront Highway (Route 19), Shoreline Protection	SysPres	DES PREROW CON				1,000 115	800 92	200 23							3,500	2,800	700				STP FLEXIBLE
Estimated Total Project Cost - \$3,900,000 -- Construct groin fields in phases along Hilo Bayfront.																					
HS18. Kawaihae Road Bypass, Waimea to Kawaihae, Phase 1 (First 5 miles)	Modern	DES PREROW													3,400 104	2,720 83	680 21				NHS
Estimated Total Project Cost - \$80,000,000 -- Construction of a two-lane alternate route from Waimea to Kawaihae, connecting the proposed Waimea Bypass to Queen Kaahumanu Hwy to improve traffic flow and improve traffic circulation.																					
HS19. Kawaihae Road (Route 19), Waiaka Stream Bridge Replacement and Realignment of Approaches	SysPres	DES PREROW ROW CON				1,144 50	915 40	229 10							2,120	1,696	424				BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$14,700,000 -- Replacing the existing Waiaka Stream Bridge, realigning the bridge approaches, reconstructing the Route 19/Route 250 intersection and installing safety improvements.																		10,600	8,480	2,120	
HS20. Keaau-Pahoa Road (Route 130) Improvements, Keaau to Pahoa	Modern	DES PREROW ROW				3,000	2,400	600				102	81	21				1,900	1,520	380	STP FLEXIBLE
Estimated Total Project Cost - \$35,000,000 -- Improve traffic capacity, circulation and safety along Route 130.																					
HS39. Keaau-Pahoa Road (Route 130) Intersection Improvements at Old Government Road	Safety	CON										4,800	4,320	480							HSIP
Estimated Total Project Cost - \$5,500,000 -- Intersection improvements will be identified and considered by conducting a traffic signal warrant and consulting the HDOT Modern Roundabout Policy Guideline.																					
HS22. Keaau-Pahoa Road (Route 130), Intersection Improvements at Paradise Drive, Orchidland Drive, and Ainaloa Blvd	Safety	CON	2,500	2,250	250																HSIP
Estimated Total Project Cost - \$3,000,000 -- Implement safety improvements at listed intersections.																					
HS41. Keaau-Pahoa Road (Route 130) Shoulder Lane Conversion Phase 1: Keaau Bypass to Shower Drive	Modern	CON				21,500	17,200	4,300													STP FLEXIBLE HSIP
						1,820	1,456	364													
Phase 2: Shower Drive Intersection Improvements												1,600	1,280	320							STP FLEXIBLE HSIP
												500	450	50							
Estimated Total Project Cost - \$30,000,000 -- Reconstructing and widening the existing shoulder and constructing new shoulders on the inbound side of the highway.																					

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **PROPOSED REVISION #17**  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: December 30, 2013

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
Modern	HS24. Kealakehe Parkway Extension (Route 197), Keanalehu Drive to Kealakaa Street	DES										790	632	158							STP FLEXIBLE (defer,inflate; no design contract)
		PREROW										0	0	0	51	41	10				
		ROW										0	0	0	0	0	0	1,100	880	220	
		Estimated Total Project Cost - \$7,000,000 -- Extension of Kealakehe Pkwy to match the existing section. Includes pavement markings, signs, drainage, guardrails and other miscellaneous work.																			
Enhance	HS25. Kuakini Highway (Route 11) Bicycle Improvements,  King Kamehameha III Highway (Rte 185) to Mamalahoa Highway (Rte 11)	CON										0	0	0							
		Estimated Total Project Cost - \$700,000 -- Improve bicycle routes along Kuakini Highway from King Kamehameha III Highway to Mamalahoa Highway. Clear shoulders, paint stripes, and add signage.																			
Modern	HS28. Kumau Street Improvements, Hilo (Harbors Division)	CON																2,700	2,160	540	STP FLEXIBLE
		Estimated Total Project Cost - \$3,200,000 -- Construction of a new entrance to Hilo Harbor and the expanded barge terminal area. Roadway connector link improvements (paving, utilities, lighting, roadway and sidewalk improvements) and intersection improvements with Kalaniana'ole Ave.																			
SysPres	HS29. Mamalahoa Highway (Route 11), Hilea Bridge Replacement	DES													810	648	162				
		Estimated Total Project Cost - \$8,500,000 -- Replace existing bridge.																			
Safety	HS30. Mamalahoa Highway (Route 11) Drainage Improvements at Kawa	CON										0	0	0	9,000	7,200	1,800				STP FLEXIBLE (defer; ROW acquisition issues. Increased cost estimate by \$3 million)
		Estimated Total Project Cost - \$6,500,000 -- Drainage improvements, including the installation of box culverts and raising of the roadway.																			
Safety	HS43. Mamalahoa Highway (RTE 190), Safety Improvements MP 3.9 to MP 6.9	DES										250	225	25							
		Estimated Project Cost - \$1,500,000 --- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.																			
Enhance	HS31. National Recreational Trails Program - Hawaii (DLNR)	CON	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	374	299	75	NATIONAL RECREATIONAL TRAILS (DLNR)
		Estimated Total Project Cost - \$2,240,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Big Island program.																			
Modern	HS32. Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 1 Komohana St (Rte 1940), Phase 2 - Komohana to Kawili (Rte 2770)	PREROW													50	40	10				
Modern	HS33. Puainako St (Rte 2000) Widening and Realignment, Kanoelehua Ave (Rte 11) toKomohana St (Rte 1940), Phase 1 - Kawili (Rte 2770) to Kanoelehua Ave (Rte 11)	PREROW										51	40	11							STP FLEXIBLE
		ROW													5,200	4,160	1,040				
		ROW													1,000	800	200				
		Estimated Total Project Cost - \$37,000,000 -- Widen and realign Puainako Street from 2 to 4 lanes. Improvements also include installing traffic signals, signs, pavement markings, hwy lighting, guardrails, and sidewalks.																			
Congest	HS34. Queen Kaahumanu Highway (Route 19), Intersection Improvements at Kawaihae Road (Route 19)	ROW										171	136	35							
		CON										1,190	1,071	119							
Modern	HS36. Saddle Road Extension	DES										0	0	0	9,180	2,344	6,836				STP FLEXIBLE (defer, inflate; extra environmental work is needed due to realignment of existing Saddle Road)
		ADVCON													0	0	0	0	5,000	(5,000)	
		Estimated Total Project Cost - \$180,000,000 (needs to be phased) -- New roadway and/or realignment and extending Saddle Road from the Kona terminus at Mamalahoa Highway to the Queen Kaahumanu Highway.																			
Modern	HS37. SADDLE ROAD (Route 200) IMPROVEMENTS  Saddle Road Improvements, Phase 2D: East Side Grade & Pave MP 6 to 11	CON				13,500	13,500	0													
		ROW	4,000	4,000	0																
		CON								50,000	50,000	0									
	Saddle Road Improvements, West Side MP 42 to Mamalahoa Hwy Phase 1 Phase 2 Phase 3 Phase 4	ROW	200	200	0																EARMARK - HIGH PRIORITY/STP FLEXIBLE  (Delete funds in FFY15)
		CON				20,000	20,000	0													
		CON							20,000	20,000	0										
		CON										20,000	20,000	0							
		CON													0	0	0				
Estimated Total Project Cost - \$250,000,000 -- Widen and/or realign the existing two-lane highway.																					
HAWAII : STATE - FHWA TOTAL		25,888	21,800	4,088	128,175	110,940	17,235	91,218	74,643	16,575	46,328	28,534	17,794	107,625	46,700	60,925	37,589	29,751	7,838		

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **PROPOSED REVISION #17**  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: December 30, 2013

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)			
COUNTY OF HAWAII - FHWA																							
HC1.	Alii Drive (Route 186) Culvert Replacement	CON																10,000	1,024	8,976	STP FLEXIBLE		
	ADVCON																						
Estimated Total Project Cost - \$11,500,000 -- Replacement of an existing culvert with a new bridge and transitional structures at Alii Drive.																							
HC2.	Alii Drive (Route 186) Road Improvements Along Oneo Bay,																				STP ENHANCEMENT		
	From Hualalai Road (Route 1880) to Walua Road (Route 187)	DES										0	0	0							(DELETE PROJECT due to complications re: extension of the sea wall.)		
	Phase 1	ROW													0	0	0						
	Phase 2	DES										0	0	0									
Estimated Total Project Cost - \$11,600,000 -- Provide bicycle, pedestrian, landscaping and scenic view improvements along Alii Drive from Hualalai Road to Walua Road by undergrounding existing overhead utilities.																							
HC3.	Alii Highway (Route 1110), Kamehameha III Rd (Route 185)	DES																2,500	2,000	500	STP FLEXIBLE		
	to Queen Kaahumanu Hwy (Route 19)	ROW																0	0	0	(defer ROW to future STIP)		
	Phase 1 - Part 1																						
Estimated Total Project Cost - \$105,000,000 -- Ph I, Part 1 will remove vegetation from the entire 4.75-miles. Ph I, Part 2, in FY 2013, will construct 2.5 miles of 24-ft wide road starting at Kamehameha III Hwy and ending at the Lako St. Extension. Ph II will complete construction from Lako St to Queen Kaahumanu Hwy.																							
HC5.	Bridge Inspection and Appraisal	PLN	100	80	20	100	80	20	100	80	20	100	80	20	100	80	20	100	80	20	BRIDGE OFF-SYSTEM		
	Estimated Total Project Cost - \$600,000 -- Inspection of county-maintained bridges as required by FHWA.																						
HC6.	Kaahakini Bridge Rehabilitation	CON													0	0	0				BRIDGE OFF-SYSTEM		
	Estimated Total Project Cost - \$2,400,000 -- Rehabilitation of an existing bridge including transitional structures.																						
HC7.	Kaiminani (Route 198) Drive Roadway Improvements																				STP FLEXIBLE		
	Phase 1 - Mamalahoa Hwy (Rte 190) to Vicinity of Ahiahi Street	DES	10	8	2																		
		CON	8,500	6,800	1,700																		
	Phase 2 - Ahiahi Street to Ane Keohokalale Hwy.	CON							13,613	5,840	6,580												
		ADVCON										0	5,289	(5,289)							(ADVCON increase to reflect winning bid)		
Estimated Total Project Cost - \$23,000,000 -- Scope of work includes roadway reconstruction, shoulder and drainage improvements, utility relocation, retaining wall construction, driveway/property tie-ins, roadway signing and striping and other related improvements																							
HC8.	Kamehameha Avenue (Route 1910) Resurfacing,	CON				14,600	5,000	9,600													STP FLEXIBLE		
	Wailoa Bridge to Ponahawai Street	ADVCON									6,680	(6,680)											
Estimated Total Project Cost - \$16,500,000 -- Resurfacing approx. 0.75 miles of Kamehameha Ave. from the end of State Hwy at Wailoa Bridge to Ponahawai St. Work to include road bed reconstruction, sidewalk/driveway repairs, drainage, sidewalk and ADA improvements.																							
HC9.	Kawaiilani (Rte 2760)/Pohakulani/Ainala (Rte 2750) &																				STP FLEXIBLE		
	Kawaiilani (Rte 2760)/Iwalani (Rte 2770) Intersection Improvements	CON										0	0	0	12,500	10,000	2,500				(defer and inflate - ROW acquisition from Hawaiian Telcom will not be complete in time. Fully fund in 2015.)		
	Phase 2	ADVCON													0	0	0						
Estimated Total Project Cost - \$18,200,000 -- Installation of synchronized traffic signals at the Kawaiilani/Iwalani and Kawaiilani/Pohakulani intersections; including land acquisition, realignment of Ainala Drive, channelization, utility relocation and construction of curbs, gutters, sidewalks and related drainage improvements.																							
HC10.	Kuakini Highway (Route 1100) Widening,	DES																1,500	1,200	300	STP FLEXIBLE		
	Hualalai Road (Route 1880) to Alii Highway																						
Estimated Total Project Cost - \$8,000,000 -- Widen approx. 1.5 miles of Kuakini Hwy to increase capacity between Hualalai Road and the new Alii Highway.																							
HC17	Mamalahoa Highway Safety Improvements (Holualoa)	DES							100	80	20										STP FLEXIBLE		
		PREROW																			(Delete ROW and CON funds. Project will be scaled back and funded with County funds only)		
		ROW							50	40	10				0	0	0						
		CON															0	0	0				
		ADVCON																		0			
Estimated Total Project Cost - \$2,500,000 -- Safety improvements at Mile Marker 1.2 for approx. 1580 LF, which includes widening the roadway shoulders and travel lanes, installing retaining walls and guardrails, relocation of utility poles and fire hydrants, and drainage improvements																							
HC11.	Mamalahoa Highway (Route 19) Widening	PLN				10	8	2													NHS		
	(Mudlane to North Hawaii Community Hospital)	DES										800	640	160									
		CON															8,000	6,400	1,600				
Estimated Total Project Cost - \$34,000,000 -- Widen approximately 4.5-miles of Mamalahoa Highway from Mudlane to the north Hawaii Community Hospital to increase vehicular capacity and improve safety by adding turning lanes. Work includes drainage, shoulder and bike lane improvements.																							

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STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **PROPOSED REVISION #17**  
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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
HC15. Manono Street (Route 2770) Roadway Improvements SysPres Lanikaula Steet to Kekuanaoa Street	DES	50	40	10																	STP FLEXIBLE  (increase estimate by \$500K. Fully fund in 2014)
	ROW				520	416	104														
	CON																				
	ADVCON																				
	Estimated Total Project Cost -- \$ 5,600,000 -- Reconstruction of Manono St. from Lanikaula St. to Kekuanaoa St. including constructing concrete curb, gutter, sidewalks, asphalt concrete paving, concrete CRM walls, drainage improvements, utility reloc., driveway tie-ins & other related improvements																				
HC12. Reed's Island Bridge Rehabilitation SysPres	CON	5,000	4,000	1,000																	BRIDGE OFF-SYSTEM
	Estimated Total Project Cost - \$5,500,000 -- Rehabilitation of an existing bridge including transitional structures.																				
HC18. Waiianuenue Avenue (Route 2720) Improvements Enhance Rainbow Drive to Akolea Road	PLN							350	280	70											STP FLEXIBLE (defer and inflate - no PLN consultant selected)
	DES																				
	ROW																				
	Estimated Total Project Cost - \$8,100,000 -- Provide roadway improvements to include bike lanes and pedestrian walkways along Waiianuenue Avenue from Rainbow Drive to Akolea Road.																				
HC19. Waikaaalulu Bridge Rehabilitation SysPres	DES																				BRIDGE ON/OFF SYSTEM (DELETE - work will be done with Coutny funds only)
	CON																				
Estimated Total Project Cost - \$3,500,000 -- Reinforce existing concrete superstructure with new horizontal members to support HL-93 loading as well as install seismic retrofit measures to meet AASHTO standards.																					
HAWAII : COUNTY OF HAWAII - FHWA TOTAL			13,660	10,928	2,732	15,230	5,504	9,726	14,213	13,000	20	5,900	10,009	(4,109)	12,901	10,321	2,580	22,100	10,704	11,396	



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PHASE		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF HAWAII - FTA																				
HC13. Bus and Bus Facility Transit	EQP/OPR	819	655	164				519	415	104	500	400	100	520	415	105	540	430	110	FTA SECTION 5339 (Rural Bus Prgm) (refined funding distribution/estimate)
	Estimated Total Project Cost - \$2,988,000 -- Purchase buses and operate bus transit facilities.																			
HC14. Rural Transportation Program Transit	EQP/OPR	844	675	169	1,160	600	560	1,069	855	214	2,000	1,000	1,000	1,290	1,030	260	1,325	1,060	265	FTA SECTION 5311 (refined funding distribution/estimate)
	Estimated Total Project Cost - \$5,942,000 -- Operate public transit system.																			
HC16. State of Good Repair Transit	CON				5,000	4,000	1,000													FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)
	EQP/OPR				2,750	2,200	550	1,500	1,200	300										
Estimated Total Project Cost - \$9,250,000 -- Purchase buses and construct a one stop transit facility. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.																				
HC20. Transportation Assistance for Elderly and Disabled Human	EQP							250	200	50										FTA SECTION 5310
	Estimated Total Project Cost - \$250,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for the purchase of buses for the program audience.																			
HAWAII : COUNTY OF HAWAII - FTA TOTAL		1,663	1,330	333	8,910	6,800	2,110	3,088	2,470	618	2,500	1,400	1,100	1,810	1,445	365	1,865	1,490	375	

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FUNDING CATEGORY SUMMARY - HAWAII																				
IM (Interstate Maintenance)			0			0			0			0			0			0		
NHS (National Highway System)			1,211			5,698			4,344			640			18,014			13,812		
BRIDGE OFF-SYSTEM			4,080			80			80			80			80			80		
BRIDGE ON/OFF SYSTEM			320			31,003			0			0			4,130			12,480		
STP ENHANCEMENT			0			0			0			0			0			0		
STP FLEXIBLE			24,568			35,108			12,920			11,322			33,698			13,784		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			299			299			299			299			299			299		
EARMARK - HIGH PRIORITY			0			20,000			70,000			20,000			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			0			0			0			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			7,500			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP- Highway Safety Improvement Program			2,250			3,256			0			6,202			0			0		
NRCS - National Resources Conservation Service			0			0			0			0			0			0		
TIGER 3			0			13,500			0			0			0			0		
			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
SUBTOTAL			32,728			116,444			87,643			38,543			56,221			40,455		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			(41,000)			(70,000)			(20,000)			0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY																				
TOTAL			32,728			75,444			17,643			18,543			56,221			40,455		

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **PROPOSED REVISION #17**  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
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PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MAUI : STATE - FHWA																				
MS36. Bridge and Pavement Improvement Program, Maui SysPres	CON							19,400	0	19,400	20,500	0	20,500	20,500	0	20,500	20,500	0	20,500	IM / NHS / STP FLEXIBLE
Haleakala Highway (Route 37) PPM (1.5 in overlay)	CON	2,200	1,760	440																
Kula Hwy to Haleakala Crater Road Jnc.																				
Haleakala Crater Road (Route 378) MP 0.0 to 2.0	CON	1,300	1,040	260																
Honoapiilani Highway (Rte 30) PPM, Lahainaluna Road to Kaanapali Parkway	CON	3,400	2,720	680																
Honoapiilani Highway (Rte 30) PPM, Vicinity of Kaheawa Windfarm Access Road to Olowalu	CON	3,360	2,688	672																
Honoapiilani Highway (Rte 30) Resurfacing, Honokowai to Kahana	CON	2,500	2,000	500																
Kula Hwy (Route 37) Resurfacing Aapueo St to Lower Kula Road, MP 7.84 to 8.83 AND Honoapiilani Hwy (Route 30) Resurfacing, Kapoli St. to Vic of Windfarm Acces Rd . MP 6.27 to 7.67	CON	3,200	2,560	640																
Kula Highway (Route 37) PPM Lower Kula Road to Kekauliki Avenue	CON	2,500	2,000	500																
Honoapiilani Hwy (Route 30) Pavement Prentative Maintenance Kaanapali Pkwy to Honokowai - MP 23.92 to MP 23.38	ADVCON				2,650	320	2,330				0	1,800	(1,800)							
Kuihelani Hwy (RTE 380) PPM, Puunene Ave to Honoapiilani Hwy & Honoapiilani Hwy (RTE 30) PPM, Kuihelani Hwy to Kapoli	CON										3,500	2,800	700							
Maunaloa Hwy (RTE 460) Resurfacing Mahana to Maunaloa Village	CON										2,000	1,600	400							
Estimated Total Project Cost - \$117,960,000-System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Maui program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation) The current list of prioritized proposed SMP projects has been posted on the <a href="http://hidot.hawaii.gov/highways/other/other-related-links/stip/">STIP website</a> at: <a href="http://hidot.hawaii.gov/highways/other/other-related-links/stip/">http://hidot.hawaii.gov/highways/other/other-related-links/stip/</a> . Qualified and priority SMP projects could receive federal funds should they become available.																				
MS1. Guardrail and Shoulder Improvement Program Safety at Various Locations, Maui																				STP FLEXIBLE
Part 1 - Honoapiilani Hwy (Route 30)	CON										1,430	1,144	286							(Add project description)
Part 2	CON													1,000	800	200				
Estimated Total Project Cost - \$2,750,000 -- Improve guardrails and shoulders at various locations.																				
MS2. Haleakala Crater Road, (Route 378), Bikeway Pull-Out Areas Enhance	CON	312	250	62																STP ENHANCEMENT
Estimated Total Project Cost - \$400,000 -- Improve Haleakala National Park Access Road to accommodate bicyclists.																				
MS37. Hana Highway Historic Bridge Preseravation Plan SysPres	PLN									1,500	1,200	300								BRIDGE ON/OFF SYSTEM
Estimated Total Project Cost - \$1,500,000 -- Develop a bridge preservation plan for Hana Highway bridge, including a prioritized implementation plan based on needs and feasibility.																				
MS3. Hana Highway (Route 36)/ Kaahumanu Ave. (Route 32) Beautification Enhance Dairy Road (Route 380) to Naniloa Overpass	CON										0	0	0	1,530	1,224	306				STP ENHANCEMENT (defer, inflate. Recently contracted DES consultant.)
Estimated Total Project Cost - \$1,750,000 -- Beautification of the main corridor between Kahului and Wailuku to include landscape and irrigation.																				
MS4. Hana Highway (Route 36) Widening, Kaahumanu Avenue (Route 32) Modern to Vicinity of Airport Access Road	ROW										0	0	0	121	97	24				NHS (defer, inflate; no design contract)
CON																	6,760	5,408	1,352	
Estimated Total Project Cost - \$7,400,000 -- Widen Hana Highway.																				
MS5. Honoapiilani Highway (Route 30), Bridge Replacement, SysPres Honolua Bridge	ROW										825	660	165							BRIDGE ON/OFF SYSTEM
CON																	5,400	4,320	1,080	
Estimated Total Project Cost - \$6,750,000 -- Replacement of a concrete T-beam bridge on Honoapiilani Hwy in the vicinity of Honolua Bay.																				
MS7. Honoapiilani Highway (Route 30) Realignment, Phase 1B2, Modern Hokiokio Place to Relocated Southern Terminus	DES													2,040	1,632	408				NHS
Estimated Total Project Cost - \$49,000,000 -- Continuation of Lahaina Bypass from Hokiokio Place to Relocated Southern Terminus.																				
MS30. Honoapiilani Highway (Route 30), Safety Improvements Safety at Kaanapali Parkway and Halelo Street	CON									910	819	91								HSIP
Estimated Total Project Cost - \$250,000 -- Install flashing beacon on Honoapiilani Hwy as approaching Kaanapali northbound. Check for adequate signal signs and lighting. Update traffic signal heads, pavement markings, striping and signing.																				

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **PROPOSED REVISION #17**  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
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PROJECT	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
MS38. Honoapiilani Highway (Route 30), Safety Improvements Safety Ukumehame to Olowalu	DES										200	180	20							HSIP	
Estimated Project Cost - \$1,500,000 --- Scope includes, but is not limited to: Installation of milled rumble strips on centerline and shoulders; pavement markings; and signing.																					
MS8. Honoapiilani Highway (Route 30) Safety Improvements, Safety Vicinity of Kapoli Street to Papalaua Beach Park	CON										3,110	2,799	311							HSIP	
Estimated Total Project Cost - \$3,300,000 -- Installation of milled rumble strips on centerline and shoulders, construct shoulder widening and drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing.																					
MS31. Honoapiilani Highway (Route 30), Shoreline Improvements, SysPres Vicinity of Olowalu	CON										3,180	2,544	636							NHS	
Estimated Total Project Cost - \$3,500,000 -- Shoreline protection for approximately 1000 feet of Honoapiilani Highway on the west side of Hekili Point.																					
MS9. Honoapiilani Highway (Route 30) Widening and/or Realignment, Modern Phase IC, Keawe Street Extension to north of Kaanapali Connector	DES PREROW	500 400	400 100					50 40	10											NHS	
Estimated Total Project Cost - \$78,000,000 -- Continuation of Lahaina Bypass from Keawe Street Extension to Kaanapali Connector.																					
MS11. Kahului Airport Access Road (Route 3800) Modern	CON ADVCON				37,950	2,700	35,250	0	27,660	(27,660)										NHS	
Estimated Total Project Cost - \$40,000,000 -- Construction for a portion of the new access road to Kahului Airport from the vicinity of Puunene Ave to Hana Hwy. Includes landscaping, drainage, hwy lighting, utilities and other misc improvements.																					
MS12. Kahului Beach Road (Route 3400), Shoreline Protection SysPres Kahului Bay (#1)	CON													1,975	1,580	395				STP FLEXIBLE	
Estimated Total Project Cost - \$2,100,000 -- Construct a seawall for about 800 feet of highway outside the harbor that would provide storm wave protection to the highway. Also construct low-profile concrete retaining wall at the waters edge to minimize accumulation of seaweed on the shoreline.																					
MS14. National Recreational Trails Program - Maui (DLNR) Enhance	CON	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	449	359	90	NATIONAL RECREATIONAL TRAILS (DLNR)	
Estimated Total Project Cost - \$2,700,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Maui program.																					
MS15. North Kihei Road (Route 310), Shoreline Protection, SysPres Vicinity of Kealia Pond (#6)	CON													5,700	4,560	1,140				STP FLEXIBLE	
Estimated Total Project Cost - \$6,200,000 -- Beach fill with an elevated dune to minimize wave overwash during seasonal high surf.																					
MS16. Paia Bypass Road (Paia Alternative Route, Modern Vicinity of Spreckelsville to Vicinity of Hookipa Park)	DES PREROW										0 0	0 0	0 0	3,375 102	2,700 81	675 21				STP FLEXIBLE (defer, inflate; 4(f)process will delay completion of environmental document)	
Estimated Total Project Cost - \$90,000,000 -- Plans for alternative traffic improvements in the vicinity of Paia town.																					
MS35. Piilani Highway, Traffic Operational Improvements Modern at Ohukai Road	CON							1,515	1,212	303										NHS	
Estimated Total Project Cost - \$2,000,000 -- Convert the Piilani Highway Intersection at Ohukai Road to an eight way intersection. This will involve adding left and right turn lanes on Ohukai, relocating and rearranging the traffic signals.																					
MS18. Puunene Ave. (Rte 3500) Widening, Kaahumanu Ave. (Route 32) Modern to Kuihelani Highway (Route 380)	PREROW ROW CON										0 0	0 0	0 0	34 153 0	26 122 0	8 31 0		6,465	5,172	1,293	STP FLEXIBLE (Defer, inflate. DES Contract just awarded)
Estimated Total Project Cost - \$8,000,000 -- Widen Puunene Ave. from Kaahumanu Ave. to Kuihelani Hwy. Improvement to bike lanes could be included where feasible.																					
MS19. Waiehu Beach Road (Route 3400), Bridge Rehabilitation SysPres Iao Stream Bridge	CON				6,760	5,408	1,352													BRIDGE ON/OFF SYSTEM	
Estimated Total Project Cost - \$7,200,000 -- Rehabilitation of a concrete tee-beam bridge on Waiehu Beach Road in the vicinity of Wailuku.																					
MOLOKAI																					
MS20. Guardrail and Shoulder Improvements Program Safety at Various Locations, Molokai																				STP FLEXIBLE	
Part 1	CON	750	600	150																	
Part 2	CON										765	612	153								
Part 3	CON													750	600	150					
Estimated Total Project Cost - \$2,500,000 -- Improve guardrails and shoulders at various locations.																					
MS22. Kamehameha V Highway (Route 450), Bridge Replacement SysPres Makakupaia Stream Bridge	CON													4,293	3,435	858				BRIDGE ON/OFF SYSTEM	
Estimated Total Project Cost - \$5,000,000 -- The existing 72 year old bridge will be replaced with a new bridge that meets current design standards. Update to meet current live load and seismic requirements. The existing substructure is also susceptible to scour and the hydraulic capacity of the structure does not meet current standards.																					
MAUI : STATE - FHWA TOTAL		20,471	16,377	4,094	47,809	8,787	39,022	29,324	37,490	(8,166)	30,459	8,298	22,161	42,022	17,216	24,806	39,574	15,259	24,315		

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PROJECT	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MAUI : STATE - FTA																				
MS24. Lahaina Small Boat Harbor and Ferry Pier Transit	PLN				375	300	75													FTA SECTION 5309 (refined funding distribution/estimate)
	DES				1,438	1,150	288	1,375	1,100	275	1,250	1,000	250							
	CON				10,438	8,350	2,088	8,006	6,405	1,601	10,220	8,175	2,045							
	Estimated Total Project Cost - \$33,876,000 -- New ferry pier, sewage pump-out stations, lighting, berthing area, dredging, replacing the existing administration office and ferry ticket booth, resurfacing Wharf Street, new parking stalls and sidewalk widening.																			
MS25. Improvements at Maalaea Small Boat Harbor, Ferry System Improvements Transit	CON	500	400	100				3,750	3,000	750										FTA SECTION 5309
	Estimated Total Project Cost - \$4,250,000 -- Repairing existing loading dock and reconstructing the adjacent administrative office building on the South Mole; installing electrical utilities and street lights, water mains and other utilities; repair South Mole roadway and parking areas, new comfort station.																			
MOLOKAI								3,750	3,000	750										
MS27. Kaunakakai Harbor Ferry System Improvements Transit	CON	500	400	100																FTA SECTION 5309
	Estimated Total Project Cost - \$4,250,000 -- Construct new restroom/administrative office; sewer pump station and force main to the county sewer system; sewage pump out station; water main and fire hydrants.																			
LANAI																				
MS29. Manele Small Boat Harbor Ferry Pier Transit	DES	1,000	800	200																FTA SECTION 5309
	CON				5,625	4,500	1,125	1,875	1,500	375										
	Estimated Total Project Cost - \$8,500,000 -- New ferry pier, loading dock and related improvements.																			
MAUI : STATE - FTA TOTAL		2,000	1,600	400	17,876	14,300	3,576	18,756	15,005	3,751	11,470	9,175	2,295	0	0	0	0	0	0	

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PROJECT		PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
COUNTY OF MAUI - FHWA																					
MC50.	Baldwin Avenue (RTE 390) Resurfacing, Ph 1	CON																		STP FLEXIBLE	
SysPres	Phase 1 - Makawao Ave to Haliimaile Road	DES							200	0	200		1,892	1,280	612					(Decrease funds to reflect new estimate)	
	Phase 2 - Haliimaile Road to Hana Hwy.	CON														4,800	3,600	1,200	0	0	(Advance Ph.2 CON from 16 to 15; accelerating DES to repair structure)
Estimated Total Project Cost - \$8,000,000 - Resurface pavement on Baldwin Avenue from Makawao Ave. to Haliimaile Road. Improvements include pavement striping and marking, signage and utility adjustments. Approx length = 2.0 miles																					
MC41.	Bridge and Pavement Improvement Program, Maui (County)																			IM / NHS / STP FLEXIBLE	
SysPres	Lono Avenue (RTE 3950) Rehabilitation - Kamehameha Ave to Laau	CON	3,000	2,400	600															Backup SMP project for 2011	
Estimated Total Project Cost - \$3,300,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. The projects listed that are "greyed" out represent backup items or potential projects to be federally funded in the event federal monies become available.																					
MC3.	Bridge Inspection and Appraisal	PLN							300	240	60					300	240	60			BRIDGE OFF-SYSTEM
SysPres	Estimated Total Project Cost - \$900,000 -- Inspection of county-maintained bridges as required by FHWA																				
MC4.	Haliimaile Road (Route 371) Resurfacing & Safety Improvements,	CON	2,100	1,680	420															STP FLEXIBLE	
SysPres	Haleakala Highway to Baldwin Avenue	CON	500	450	50															HSIP-HRRR	
Estimated Total Project Cost - \$3,000,000 -- Resurface approximately 3 miles of Haliimaile Road. Safety improvements could include milled centerline and rumble strips.																					
MC42.	Haliimaile Road (Route 371) Resurfacing & Safety Improvements,	CON				2,100	1,680	420												STP FLEXIBLE	
SysPres	Phase 2, Vicinity of MP 1.3 to Baldwin Avenue	CON				400	360	40												HSIP-HRRR	
Estimated Total Project Cost - \$2,750,000 -- Resurface approximately 1.7 miles of Haliimaile Road. Safety improvements could include milled centerline and rumble strips.																					
MC5.	Hansen Road (Route 3600) Pavement Reconstruction,	DES				500	0	500												LOCAL	
SysPres	Hana Highway to Puunene Avenue	ROW				200	0	200												LOCAL	
		CON										4,875	3,500	1,375						STP FLEXIBLE	
Estimated Total Project Cost - \$4,300,000 -- Reconstruct pavement on Hansen Road from Puunene Ave to Hana Highway. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 2 miles.																				(Increase funds to reflect new estimate)	
MC6.	Hina Avenue (Route 3930) Pavement Reconstruction,	DES				700	0	700												LOCAL	
SysPres	Wakea Avenue to Ani Street AND	CON				4,500	3,600	900												STP FLEXIBLE	
	Kamehameha Avenue (Route 3940) Pavement Reconstruction,																				
	Vicinity of Puunene Avenue to Papa Avenue (MC9)																				
Estimated Total Project Cost - \$5,200,000 -- Reconstruct pavement on Hina Avenue from Wakea Avenue to Ani Street. Approximately 1.02 miles. Reconstruct pavement on Kamehameha Avenue from Puunene Ave. to Hina Ave. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 0.76 miles.																					
MC58.	Iao Stream Bridge Repairs, Iao Valley Road (RTE 3200)	DES										250	0	250						STP FLEXIBLE	
SysPres		CON													2,550	1,800	750			(New project)	
Estimated Total Project Cost - \$2,800,000 -- Repair existing steel bridge. Construct roadway improvements at both approaches.																					
MC43.	Kahanui Bridge Replacement	DES				200	0	200												LOCAL	
SysPres	(Lower Honoapiilani Road - RTE 3080)	CON										0	0	0	3,539	2,519	1,020			BRIDGE OFF-SYSTEM	
Estimated Total Project Cost - \$3,740,000 -- Replace existing concrete bridge. Construct roadway improvements at both approaches.																				(Defer and inflate due to ROW delays)	
MC7.	Kahawaiokapia Bridge Replacement (Hana Highway - Route 360)	CON													4,437	3,060	1,377			BRIDGE OFF-SYSTEM	
SysPres	Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC8.	Kahekili Highway (Route 3405) Resurfacing,	CON	4,000	3,200	800															STP FLEXIBLE	
SysPres	North Market Street to Waiehu Beach Road																				
Estimated Total Project Cost - \$4,500,000 -- Resurface Kahekili Highway from N. Market Street to Waiehu Beach Road. Approximately 1.71 miles.																					
MC38.	Kahoolopoo Bridge Replacement (Route 360)	CON	4,200	3,360	840															BRIDGE OFF-SYSTEM	
SysPres	Estimated Total Project Cost - \$4,600,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC10.	Kamehameha Avenue (Route 3940)Traffic Signals at Kane Street	DES				250	0	250												LOCAL	
Congest		CON							675	540	135									STP FLEXIBLE	
Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, intersection improvements, curb ramp improvements.																					
MC59.	Kokomo Road (RTE 366) and Makawao Avenue (RTE 365)	DES							300	0	300									STP FLEXIBLE	
SysPres	Pavement Rehabilitation, Hanamalia Place to Piihola Road	CON										5,150	3,800	1,350						(New project)	
Estimated Total Project Cost - \$5,450,000 -- Resurface pavement on Kokomo Road and Makawao Avenue from Hanamalia Place to Piihola Road. Improvements may include pavement striping and marking, signage and utility adjustments. Approx length = 4.0 miles																					

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MC13. SysPres	Koukouai Bridge Modifications (Hana Highway - Route 360)	DES CON				100	0	100										6,120	4,488	1,632	LOCAL BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$6,300,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																					
MC14. SysPres	Kulanihakoi Bridge Replacement (South Kihei Road - Route 3100)	DES ROW CON	500 200	0 0	500 200							0	0	0	3,621	2,897	724				LOCAL LOCAL BRIDGE OFF-SYSTEM (Defer and inflate due to delays in design and permitting)
Estimated Total Project Cost - \$4,900,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																					
MC39. SysPres	Lahaina Watershed Flood Control Project, Phase 2 Phase 2	CON CON	3,968 2,032	3,968 2,032	0 0																EARMARK (Section 117) NRCS
	Phase 3A	DES CON				80	80	0													EARMARK (Section 117) EARMARK (Section 117)
Estimated Total Project Cost - \$8,600,000 -- PH 2 - Flood Control project from Lahainaluna Road south two miles along Honoapiilani Highway. Improvements consist of open channels, sediment basins, debris basin and new outlet to the ocean. PH-3A continuation of improvements for another 1000' from the end of phase 2 to Kauaula Stream.																					
MC15. SysPres	Lelekea Bridge Replacement (Hana Highway - Route 360)	DES CON				500	0	500										3,994	3,195	799	LOCAL BRIDGE OFF-SYSTEM
Estimated Total Project Cost - \$4,300,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																					
MC52 SysPres	Lono Avenue (RTE 3950) Pavement Rehabilitation, Phase 2 Laau Street to Makalii Street	DES CON							40	32	8				867	694	173				STP FLEXIBLE
Estimated Total Project Cost - \$925,000 -- Rehabilitate pavement on Lono Avenue from Laau Street to Makalii Street. Approx 0.50 miles.																					
MC18. SysPres	Lower Honoapiilani Road (Route 3080) Improvements, Hoohui Road to Napilihau Road	ROW CON				1,000	0	1,000									0	0	0		LOCAL STP FLEXIBLE (Defer CON to out years; still scoping project)
Estimated Total Project Cost - \$8,000,000 -- Road widening, curb, gutter, sidewalk/paved shoulder, and drainage improvements. Replace Kahanahui Bridge. Approximately 1.50 miles.																					
MC21. SysPres	Makani Road (Route 3630) Resurfacing, Haleakala Highway to Kalama Intermediate School	CON	2,000	1,600	400																STP FLEXIBLE
Estimated Total Project Cost - \$2,400,000 -- Resurface Makani Road from Old Haleakala Hwy to Kalama School. Approximately 2.06 miles.																					
MC22. SysPres	Makawao Avenue - Makani Road (Route 3630) Improvements Phase I - Eddie Tam Gymnasium to Kalama Intermediate School	ROW CON	1,000	0	1,000							0	0	0				1,300	1,040	260	LOCAL STP FLEXIBLE (Defer and inflate 2 years; land rights and permitting are delayed)
Estimated Total Project Cost - \$2,000,000 -- Road widening with curb and gutters, sidewalk, drainage, and resurf/recon pavement. From Eddie Tam Gym to Kalama School.																					
MC25. Congest	Mill Street (Route 3840) Traffic Signal at Imi Kala Street	DES ROW CON							200	0	200				500	0	500				LOCAL LOCAL STP FLEXIBLE
Estimated Total Project Cost - \$1,500,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.																					
MC53 SysPres	Old Haleakala Hwy (RTE 367) and Makani Rd. (RTE 3630) Resurf. Aeola Rd - Makawao Ave. & Old Haleakala Hwy. to Haleakala Bypass	CON										3,500	2,800	1,000							STP FLEXIBLE (Increase funds to reflect updated estimate)
Estimated Total Project Cost - \$2,500,000 -- Resurface pavement on Old Haleakala Highway from Aeola Road to Makawao Avenue and on Makani Road from Old Haleakala Hwy to Haleakala Bypass. Including pavement striping and marking and utility adjustments, total length = 1.7 miles.																					
MC44. SysPres	Papa Avenue (RTE 3910) Pavement Reconstruction, Puunene Avenue to Kaahumanu Avenue	DES CON							250 8,700	0 6,320	250 2,380										STP FLEXIBLE
Estimated Total Project Cost - \$9,000,000 -- Reconstruct pavement on Papa Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 2.6 miles.																					
MC27. Congest	Papa Avenue (Route 3910) Traffic Signals at Hina Avenue (Route 3930)	DES CON				200	0	200							0	0	0	877	702	175	LOCAL STP FLEXIBLE (Defer and inflate, due to prioritization and financial constraint)
Estimated Total Project Cost - \$1,100,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements. Right-of-way expansion.																					
MC28. SysPres	Pukalani Street Pavement Reconstruction, Old Haleakala Highway to Iolani Street	DES CON	200 500	0 400	200 100																LOCAL STP FLEXIBLE
Estimated Total Project Cost - \$700,000 -- Reconstruct pavement on Pukalani Street from Old Haleakala Hwy to Iolani Street. Improvements to include pavement striping and marking, signage and safety improvements. Approximately 0.23 miles.																					

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
MC45. SysPres	South Kihei Road (RTE 3100) Pavement Rehabilitation, Alanui Ke Alii to Kamaole III South Entrance	DES				150	0	150													STP FLEXIBLE
		CON							3,600	2,600	1,000										
	Estimated Total Project Cost - \$3,750,000 -- Reconstruct pavement on South Kihei Road from Alanui Ke Alii to Kamaole III. Improvements to include pavement striping and marking, signage and safety improvements. Approx 0.7 miles.																				
MC46. Congest	South Kihei Road (RTE 3100) Traffic Signal Modernization Lipoa Street to Piikea Avenue	DES				90	8	82							0	0	0				STP FLEXIBLE
		CON													0	0	0				(Delete CON funds; project will be built with local funds)
	Estimated Total Project Cost - \$963,000 -- Traffic signal modernization to include wireless interconnectivity among three separate traffic signal systems.																				
MC31. Congest	Waiale Road (Route 3180) Traffic Signals at Waiinu Road	DES				150	0	150							810	648	162				LOCAL
		CON																			STP FLEXIBLE
	Estimated Total Project Cost - \$1,000,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.																				
MC32. SysPres	Waiko Road Improvements, Kuihelani Highway to Waialea Road	DES				500	0	500							0	0	0	3,862	2,652	1,210	LOCAL
		CON													0	0	0				STP FLEXIBLE
	Estimated Total Project Cost - \$4,200,000 -- Improve Waiko Road from Honoapiilani Hwy to Kuihelani Hwy, with two travel lanes, paved shoulders and drainage improvements. Approximately 1.25 miles.																				
MC33. SysPres	Waiohono Bridge Replacement (Hana Highway - Route 360)	DES		50	0	50															LOCAL
		CON		4,100	2,800	1,300															BRIDGE OFF-SYSTEM
	Estimated Total Project Cost - \$4,500,000 -- Replace or repair existing concrete bridge. Construct roadway improvements at both approaches.																				
MC34. Enhance	Waipuilani Bikeway	DES		300	0	300												1,730	1,384	346	STP ENHANCEMENT
		CON																			
	Estimated Total Project Cost - \$2,000,000 -- Construct bikeway on beach reserve, from Kulanihakai Street to Waipuilani State Park. Approximately 0.5 miles.																				
MC54 SysPres	Wailea Alanui Dr (Rte 3135) & Wailea Ike Dr. (Rte 3137) Pavmnt Rehab. Okolani Dr. to Wailea Ike Dr. & Piilani Hwy to Wailea Alanui Dr.	CON										2,244	1,632	612							STP FLEXIBLE
	Estimated Total Project Cost - \$4,340,000 -- Rehabilitation pavement on Wailea Alanui Drive and Wailea Ike Drive from Okolani Drive to Wailea Ike Drive and Piilani Highway to Wailea Alanui Drive. Includes pavement striping and marking, signage and safety improvements. Approx 1.4 miles.																				
MC60. Congest	Wakea Ave. (RTE 3920) and Kamehameha Avenue (RTE 3940) Traffic Signal Upgrade	DES										50	40	10							STP FLEXIBLE
		CON													1,000	800	200				(New project)
	Estimated Total Project Cost - \$1,050,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, and drainage improvements.																				
MC51. SysPres	Wakea Ave. (RTE 3920) and Wells St. (RTE 3830) Pavement Rehab.	CON							3,125	2,500	625										STP FLEXIBLE
	Estimated Total Project Cost - \$3,500,000 -- Reconstruct pavement on Wakea Avenue from Puunene Ave to Hana Highway and Wells Street from Waialea Road to High Street. Improvements to include pavement striping and marking and utility adjustments. Approximate length - 0.9 miles.																				
MC47. SysPres	Wakea Avenue (RTE 3920) Pavement Rehabilitation, Kaahumanu Avenue to Puunene Avenue	DES				100	0	100													STP FLEXIBLE
		CON				3,000	2,400	600													
	Estimated Total Project Cost - \$3,300,000 -- Reconstruct pavement on Wakea Avenue from Kaahumanu Avenue to Puunene Avenue. Approx 1.02 miles.																				
MC35. Congest	Wakea Avenue (Rte 3920) Traffic Signals at Hina Avenue (Rte 3930)	DES				110	8	102													STP FLEXIBLE
		CON										749	599	150	0	0	0				(Advance CON from 15 to 14; project is ahead of schedule)
	Estimated Total Project Cost - \$1,000,000 -- Traffic signal installation, curb, gutter, sidewalk, curb ramp, drainage improvements.																				
MAUI : COUNTY OF MAUI - FHWA TOTAL			28,650	21,890	6,760	14,830	8,136	6,694	19,990	14,432	5,558	20,077	14,345	6,032	21,057	15,564	5,493	18,613	14,045	4,568	



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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF MAUI - FTA																					
MC36. Bus and Bus Facility (Rural)	Transit	EQP/OPR	819	655	164				519	415	104	500	400	100	520	415	105	540	430	110	FTA SECTION 5339 (Rural Bus Prgm) (refined funding distribution/estimates)
Estimated Total Project Cost - \$2,988,000 -- Purchase buses and operate bus transit facilities.																					
MC37. Rural Transportation Program	Transit	OPR	844	675	169	1,510	600	910	1,038	830	208	3,875	500	3,375	645	515	130	665	530	135	FTA SECTION 5311 (refined funding distribution/estimates)
Estimated Total Project Cost - \$6,696,000 -- Operate public transit system.																					
MC40. Bus and Bus Facility (Small Urban)	Transit	EQP/OPR	1,842	1,473	369							420	335	85	430	345	85	445	355	90	FTA SECTION 5309 (Rural Bus Prgm) FTA SECTION 5339 (Small Urban) (refined funding distribution/ estimates. Changed funding type)
Estimated Total Project Cost - \$2,217,000 -- Purchase of buses and operation of the bus system.		CON	375	300	75																
MC48. Veterans Transportation and Community Living Initiative	Transit	EQP/OPR				297	236	61													FTA SECTION 5309
Estimated Total Project Cost - \$297,000 -- Purchase software for a one-call-one-click system																					
MC49. State of Good Repair	Transit	EQP/OPR				2,225	1,780	445	1,250	1,000	250										FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)
Estimated Total Project Cost - \$3,475,000 -- Purchase buses and construct a one stop transit facility. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.																					
MC55. Urbanized Area	Transit	EQP/OPR							1,275	1,020	255	1,275	1,020	255	1,313	1,050	263	1,350	1,080	270	FTA SECTION 5307 - Kahului (pop., 50,000 - 199,999) (refined funding distribution/estimates)
Estimated Total Project Cost - \$5,335,000 -- Capital purchases, operating costs & planning																					
MC56. Livability	Transit	CON							1,000	800	200										FTA SECTION 5309 Bus & Bus Facilities Discretionary - Livability
Estimated Total Project Cost - \$1,000,000 -- Construct Bus Stops at various locations. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are to be utilized in support of the program goal. The goal of the program is to invest in projects that increase transportation options, provide access to jobs and affordable housing, encourage economic development, and improve accessibility to transportation for the public. The program funds capital expenses for projects ranging from intermodal facilities, to sustainability oriented buses, to bicycle infrastructure and more.																					
MC57. Transportation Assistance for Elderly and Disabled	Human	EQP							250	200	50	350	280	70	365	290	75	375	300	75	FTA SECTION 5310 (refined funding distribution/estimates)
Estimated Total Project Cost - \$250,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for the purchase of buses for the program audience.																					
MAUI : COUNTY OF MAUI - FTA TOTAL			3,880	3,103	777	4,032	2,616	1,416	4,082	3,265	817	6,070	2,255	3,815	2,908	2,325	583	3,000	2,395	605	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - MAUI																				
IM (Interstate Maintenance)			0			0			0			0			0			0		
NHS (National Highway System)			400			2,700			31,712			2,544			1,729			5,408		
BRIDGE OFF-SYSTEM			6,160			0			240			0			8,716			7,683		
BRIDGE ON/OFF SYSTEM			0			5,408			1,200			660			3,435			4,320		
STP ENHANCEMENT			250			0			0			0			1,224			1,384		
STP FLEXIBLE			24,648			8,016			15,392			16,101			17,317			10,150		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			359			359			359			359			359			359		
EARMARK - HIGH PRIORITY			0			0			0			0			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			3,968			80			2,200			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			0			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP- Highway Safety Improvement Program			450			360			819			2,979			0			0		
NRCS - National Resources Conservation Service			2,032			0			0			0			0			0		
			0			0			0			0			0			0		
			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
	SUBTOTAL		38,267			16,923			51,922			22,643			32,780			29,304		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			(6,000)			(80)			(2,200)			0			0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		32,267			16,843			49,722			22,643			32,780			29,304		

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PROJECT	PHASE	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
KAUAI : STATE - FHWA																				
KS25. Bridge and Pavement Improvement Program, Kauai	CON				7,000	0	7,000	11,300	0	11,300	12,000	0	12,000	12,000	0	12,000	12,000	0	12,000	IM / NHS / STP FLEXIBLE
SysPres Kapule Hwy (Route 51) Resurfacing (UTW)	CON	6,500	5,200	1,300																
Ahukini Road to Kuhio Hwy																				
Kaumualii Hwy (Route 50) Resurfacing	CON	2,200	1,760	440																
Kipu Rd to Huleia Bridge																				
Waimea Canyon Drive/ Kokee Road (RTE 550) Resurfacing								3,500	2,800	700										
MP 6.0 to MP 8.5																				
Estimated Total Project Cost - \$67,200,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation.																				
Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Kauai program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation)																				
The current list of prioritized proposed SMP projects has been posted on the STIP website at: <a href="http://hidot.hawaii.gov/highways/other/other-related-links/stip/">http://hidot.hawaii.gov/highways/other/other-related-links/stip/</a> . Qualified and priority SMP projects could receive federal funds should they become available.																				
KS1. Guardrail and Shoulder Improvements on State Highways, Kauai																				STP FLEXIBLE
Safety Part 1	DES	100	80	20																
	CON							625	500	125										
Part 2	DES							100	80	20										
	CON										1,000	800	200							
Part 3	DES													100	80	20				
	CON																1,000	800	200	
Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.																				
KS26. Kapaa Roundabout Beautification	CON				22	17	5													STP ENHANCEMENT
Estimated Total Project Cost - \$22,000 -- Beautify current roundabout landscape using community based design.																				
KS2. Kapule Highway / Rice Street / Waapa (Route 51) Road	DES				1,007	806	201													BRIDGE ON/OFF SYSTEM
SysPres Improvements and Nawiliwili Bridge Replacement	PREROW							110	88	22										
	ROW										0	0	0	803	643	160				(Defer and inflate; procuring consultant now)
Estimated Total Project Cost - \$5,440,000 -- Strengthen/widen existing Nawiliwili Bridge. Implement drainage improvements and safety improvements including new signing and striping and guardrails. Improve roadway approach to the bridge.																				
KS4. Kaumualii Highway (Route 50), Bridge Rehabilitation	DES										530	424	106							BRIDGE ON/OFF SYSTEM
SysPres Bridge No. 7E	ROW													65	52	13				
Estimated Total Project Cost - \$6,600,000 -- Repair/rehabilitate bridge 7E on Kaumualii Highway update to current bridge standards.																				
KS27. Kaumualii Highway (Route 50), Bridge Rehabilitation	DES										1,040	832	208							BRIDGE ON/OFF SYSTEM
SysPres Hanapepe Bridge																				
Estimated Total Project Cost - \$12,400,000 --- Repair existing bridge substructure, including the initiation of scour prevention measures to improve bridge footings.																				
KS5. Kaumualii Highway (Route 50), Bridge Rehabilitation	ROW										106	84	22							BRIDGE ON/OFF SYSTEM
SysPres Omao Bridge	CON													7,350	5,880	1,470				
Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaumualii Hwy in the vicinity of Omao Road.																				
KS6. Kaumualii Highway (Route 50) Improvements, Anonui St to Kipu Rd	CON																18,400	7,000	11,400	STP FLEXIBLE
Modern Phase IB	ADVCON																			
Estimated Total Project Cost - \$22,000,000 -- Construction for widening of Kaumualii Highway, Anonui Street to vicinity of Kipu Road, from two to four lanes.																				
KS11. Kuhio Highway (Route 56), Bridge Replacement	ROW										0	0	0	790	632	158				BRIDGE ON/OFF SYSTEM
SysPres Kapaia Bridge	CON													0	0	0	10,710	8,568	2,142	(ROW maps not ready; defer and inflate all phases 1 year)
Estimated Total Project Cost - \$12,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.																				

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **PROPOSED REVISION #17**  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: December 30, 2013

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS	
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
KS13. SysPres	Kuhio Highway (Route 560), Bridge Rehabilitation Waiooli, Waipa, and Waikoko Stream Bridges	DES				1,969	1,575	394													BRIDGE ON/OFF SYSTEM	
		PREROW				112		90	22													
		ROW										0	0	0	584	467	117					(Defer and inflate; procuring consultant now) (Defer Advanced Construction reimbursement to out years)
		CON												0	0	0	8,670	1,020	7,650			
		ADVCON														0		0	0			
Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.																						
KS29. SysPres	Kuhio Highway (Route 56) Emergency Slope Stabilization, Kalihiwai Bridge	CON										12,000	1,600	10,400							STP FLEXIBLE (New project)	
		ADVCON														8,000	(8,000)					
Estimated Total Project Cost - \$14,000,000 - Slope stabilization including clearing trees, removing loose rocks, installing rock anchors and installing shielding for motorists.																						
KS16. Modern	Kuhio Highway (Route 56) Improvements, Hanamaulu to Kapaa, Phase I	DES										2,000	1,600	400							EARMARK-HIGH PRIORITY (HI035) EARMARK-HIGH PRIORITY (HI007) NHS	
		DES										5,000	4,000	1,000								
		PREROW																				
Estimated Total Project Cost - \$48,000,000 -- Design and construct improvement alternative identified in the approved Environmental Impact Statement as the Preferred Alternative.																						
KS17. Safety	Kuhio Highway (Route 560) Safety Improvements Hanalei Bridge to Waikoko Bridge	CON							1,250	1,000	250										HSIP - HRRR	
Estimated Total Project Cost - \$1,750,000 -- Install rumble strips on centerline and shoulders, roughen roadway surface, construct drainage improvements, installation of guardrails and end treatments and upgrade/replace pavement markings and signing.																						
KS20. Safety	Kuhio Highway (Route 56), Maalihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation	DES										1,060	848	212							BRIDGE-ON SYSTEM	
		ROW													520	416	104					
Estimated Total Project Cost - \$11,500,000 -- Safety improvements at Maalihuna Road intersection and Kapaa Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes.																						
KS22. Safety	Maalo Road (RTE 583), Guardrail and Shoulder Improvements MP 0 - MP 3.92	CON	1,082	866	216																STP FLEXIBLE	
Estimated Total Project Cost - \$1,400,000 -- Remove existing guardrail, install new guardrail and construct end treatments.																						
KS23. Enhance	National Recreational Trails Program - Kauai (DLNR)	CON	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	314	251	63	NATIONAL RECREATIONAL TRAILS (DLNR)	
Estimated Total Project Cost - \$1,900,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Kauai program.																						
KS28. SysPres	Nawiliwili Road (RTE 58) Improvements, Kainani Street to Kaunualii Hwy (RTE 50).	DES/CON				10,000	1,000	9,000													STP FLEXIBLE	
		ADVCON											7,000	(7,000)								
Estimated Total Project Cost - \$10,000,000 -- Pavement reconstruction of four lanes and the median; constructing sidewalks, and replacing traffic signals.																						
KAUAI : STATE - FHWA TOTAL			10,196	8,157	2,039	20,424	3,739	16,685	17,199	4,719	12,480	35,050	17,439	17,611	22,526	16,421	6,105	51,094	17,639	33,455		

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **PROPOSED REVISION #17**  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: **December 30, 2013**

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PROJECT		PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS	
			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)		
COUNTY OF KAUAI - FHWA																						
KC1. Enhance	Ahukini To Lydgate Park Bike/Pedestrian Path (Phase IV of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)		DES						0	0	0	1,102	1,102	0							STP ENHANCEMENT	
			CON									5,175	5,175	0							(Defer and inflate DES that was not obligated in FY13. Refine CON est.)	
Estimated Total Project Cost - \$21,000,000 -- Approximately 7 miles of 12 foot wide and 6 inch thick concrete bike/ped path. The project starts at the Ahukini Landing and ends at the S end of Lydgate Park.																						
KC2. SysPres	Bridge Inspection and Appraisal		PLN/DES	125	100	25					125	100	25								BRIDGE OFF-SYSTEM	
Estimated Total Project Cost - \$250,000 -- Inspection of various bridges throughout the County. FHWA Requirement.																						
KC3. SysPres	Hanapepe Bridge Repairs and Pedestrian Bridge Repairs/Replacement		DES	75	60	15															BRIDGE OFF-SYSTEM	
			CON				800	640	160													
Estimated Total Project Cost - \$850,000 -- Repair of cracks and spalls on the bridge girders/soffit/abutments/piers and the repair/replacement of the pedestrian walkway crossing Hanapepe Bridge on Hanapepe Road. The bridge and the pedestrian walkway is about 200 feet long. The walkway is elevated and above roadway pavement.																						
KC4. Safety	Hardy Street (Route 572) Improvements		DES/CON				7,000	3,150	3,850												STP FLEXIBLE	
			ADVCON									2,450	(2,450)									
Estimated Total Project Cost - \$4,680,000 -- Safety imprvmnts including reconstr. & widening of traffic lanes, constr. of turning lanes, sidewalks, drainage inlets & culvert extension, replacement & upgrades, revising street parking, utility adjustment, traffic sign & striping, landscaping, other roadway imprvmnts. The project begins at Kuhio Hwy. & ends at the Rice St.- 0.7 mi.																						
KC5. SysPres	Kamalu Bridge (Route 581) Erosion Protection Repairs		DES				20	16	4												BRIDGE OFF-SYSTEM	
			CON				312	250	62													
Estimated Total Project Cost - \$400,000 -- Repair/Replace damaged erosion control protection at the abutments and piers of Kamalu Bridge.																						
KC6. SysPres	Kamalu Road (Route 581) Bridge Replacement		PLN												400	320	80				BRIDGE OFF-SYSTEM	
			DES																			
Estimated Total Project Cost - \$2,600,000 -- Realignment of Kamalu Road from its intersection with Opaekaa Road to a point approximately 3,305 feet east including installation of new bridge crossing Kalama Stream.																						
KC7. SysPres	Kapahi Bridge Replacement		CON									2,000	1,600	400	0	0	0				BRIDGE OFF-SYSTEM (Advance and reduce estimate due to reduced scope)	
Estimated Total Project Cost - \$6,000,000 -- Replace the existing bridge with a new H-20 concrete bridge approximately 60 feet long by 35 feet wide including approach ramps, guardrails, pedestrian walkway and utility accommodations.																						
KC20. Safety	Koloa Road Safety Guardrail and Safety Improvements		DES	150	135	15															HRRR (High Risk Rural Road)	
			CON									1,500	1,350	150							(add CON phase)	
Estimated Total Project Cost - \$910,000 -- Installation of guardrails along with improved striping, pavement marker and signage along Koloa Road (9,000 linear feet).																						
KC8. Enhance	Kuna Bay to Anahola Bike/Pedestrian Path (Phase V of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)		DES									0	0	0							STP ENHANCEMENT (Defer to 2018; working on environmental process)	
Estimated Total Project Cost - \$7,000,000 -- Approximately 3 miles of 12 foot wide, 6 inch thick concrete bike/ped path. The Project Starts at Kuna Bay (north end of Ph II) and ends at Anahola.																						
KC9. Enhance	Lydgate Park to Kapaa Bike/Pedestrian Path (Phase III of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)																				STP ENHANCEMENT	
	Phase B		CON	6,700	6,700	0																
	Phase C & D		PLN				21	21	0													
			DES				104	104	0													
			ROW									270	270	0								
			CON									1,590	1,590	0								
Estimated Total Project Cost - \$9,000,000 -- Construct 12 foot wide 6 inch thick concrete bike/ped path. Ph B - includes the N end of Papaloa Rd. and the balance starts at the N side of Waipouli Canal Br., continues along Kuhio Hwy. to Ala, Niulani, Keaka, Moanakai and Lihi Rds. Ph C - Starts and the S side of a vacant lot N of Kauai Coast Resort at the Beachboy& continues to the north side of Waipouli Drainage Canal at Kuhio Hwy (Route 56). Ph D - approximately 1.2 miles of 12 foot wide 6 inch thick concrete bike/ped path which starts at Papaloa Road at north side of Kauai Sands and continues to the north side of Waipouli Drainage Canal at Kuhio Hwy (Route 56).																						
KC18. Modern	Maluhia Road (Route 520) Improvements		DES												1,200	960	240				STP FLEXIBLE	
			ROW																			
			CON																			
Estimated Total Project Cost - \$8,300,000 -- Widen Maluhia Road from the intersection of Ala Kinoiki Road to Kaunualii Hwy. Approx. 2.6 miles. 12-ft traffic lanes and 6-ft shoulders including drainage improvements and replacement of an existing bridge. The section of Maluhia Road through the "tree tunnel" cannot be widened w/o disturbing the trees and therefore the development of a northbound or southbound lane outside of the "tunnel" will be developed.																						

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **PROPOSED REVISION #17**  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
Revision Effective Date: December 30, 2013

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			TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
KC10. Enhance	Nawiliwili to Ahukini Bike/Pedestrian Path (Phase VI of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94)																				STP ENHANCEMENT
	Phase A								0	0	0							860	860	0	(Defer and inflate phases that were not obligated in FY13)
	Phase B								0	0	0							220	220	0	
									0	0	0							1,060	1,060	0	
	Estimated Total Project Cost - \$7,000,000 -- Approximately 8 miles of 12 foot wide, 6 inch thick concrete bike/ped path.																				
KC11. Modern	Northerly Leg of the Western Bypass Road (Ala Kalanikaumaka (Route 522))		DES	2,000	1,600	400															STP FLEXIBLE
	Estimated Total Project Cost - \$20,000,000 -- Construct new roadway. The project begins at Koloa Road and the completed section of the Ala Kalanikaumaka intersection, heading northeast and connecting to Maluhia Road at the intersection of Maluhia and Ala Kinoike.																				
KC13. SysPres	Puhi Road (Route 5010) Ultra-Thin-Whitetopping (UTW) Rehabilitation		CON						0	0	0	2,400	1,920	480							STP FLEXIBLE (Defer CON that was not obligated in FY13. Est increased due to PCC rehabilitation)
	Estimated Total Project Cost - \$1,300,000 -- Rehabilitate Puhi Road using PCC. Puhi Road is a 2-lane major street with 12' lanes. The project will start at the intesection of the Kaunualii Highway - Puhi Road intersection and extend approximately 0.4 mile to the Kaneka St. - Puhi Road intersection.																				
KC14. SysPres	Puuopae Bridge Replacement		CON									0	0	0	3,000	2,400	600				BRIDGE OFF-SYSTEM (Defer. EA will not be complete. Lower cost estimate due to reduced scope for the bridge replacement)
	Estimated Total Project Cost - \$5,600,000 -- Replace existing bridge.																				
KC15. SysPres	Resurfacing of Hanapepe Rd (Rte 545), Including Road Pavement Repairs as Necessary		DES	160	128	32															STP FLEXIBLE
	Estimated Total Project Cost - \$1,200,000 -- Resurface the entire length (5400 feet) of Hanapepe Road. Full depth reclaimation (FDR) technology will be used on this project whenever necessary to match existing adjacent facilities.																				
KC23. SysPres	Resurfacing of Collector Roads, Various Locations		CON									2,300	1,840	460							STIP FLEXIBLE (NEW PROJECT)
	Estimated Total Project Cost - \$3,000,000 -- Reconstructing weaken pavement areas, resurfacing and replacing pavement markers, striping and traffic signs for the following- Anahola Rd (RTE 566) - MP 0 - 0.75; Mailihuna Rd (RTE 5870) - MP 0 - 0.5; Hauala Rd (RTE 5865) - MP 0 - 1.1; Oloheua Rd. (RTE 581) - MP 0 - 5; Moi Rd. (RTE 543) - MP 0 - 0.75.																				
KAUAI : COUNTY OF KAUAI - FHWA TOTAL				9,210	8,723	487	8,257	4,181	4,076	125	2,550	(2,425)	16,337	14,847	1,490	4,600	3,680	920	2,140	2,140	0

DEPARTMENT OF TRANSPORTATION  
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FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
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PHASE		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
COUNTY OF KAUAI - FTA																				
KC16. Bus and Bus Facility	EQP/OPR	819	655	164				519	415	104	500	400	100	520	415	105	540	430	110	FTA SECTION 5339 (Rural Bus Prgrm) (refined funding distribution/estimates)
Transit																				
Estimated Total Project Cost - \$2,988,000 -- Purchase buses and operate bus transit facilities.																				
KC17. Rural Transportation Program	OPR	717	574	143	1,125	600	525	882	705	177	2,000	1,000	1,000	1,095	875	220	1,125	900	225	FTA SECTION 5311 (refined funding distribution/estimates)
Transit																				
	EQP	127	101	26	130	104	26	156	125	31	0	0	0	195	155	40	200	160	40	FTA SECTION 5311
Estimated Total Project Cost - \$6,441,000 -- Operate public transit system.																				
KC21. State of Good Repair	EQP/OPR				2,376	1,900	476	1,550	1,240	310										FTA SECTION 5309 Bus & Bus Facilities Discretionary (SGR)
Transit																				
Estimated Total Project Cost - \$3,926,000 -- Purchase buses. The U.S. Department of Transportation's (DOT) Federal Transit Administration (FTA) provides discretionary funding for projects through Section 5309 Bus and Bus Facilities these program funds are in support of the State																				
of Good Repair (SGR) Initiative. The SGR Initiative makes funds available to public transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities, including programs of bus and bus-related projects for assistance to subrecipients that are public																				
agencies, private companies engaged in public transportation, or private non-profit organizations. Additionally, the SGR Initiative makes funds available for Transit Asset Management systems, which is a systematic process of operating, maintaining, improving, and expanding physical assets effectively throughout their life cycles.																				
KC22. Transportation Assistance for Elderly and Disabled	EQP							250	200	50										FTA SECTION 5310
Human																				
Estimated Total Project Cost - \$250,000 -- Enhanced Mobility of Seniors and Individuals with Disabilities (Section 5310 - Urban) Funds from program will be utilized for the purchase of buses for the program audience.																				
KAUAI : COUNTY OF KAUAI - FTA TOTAL		1,663	1,330	333	3,631	2,604	1,027	3,107	2,485	622	2,500	1,400	1,100	1,810	1,445	365	1,865	1,490	375	

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		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - KAUAI																				
IM (Interstate Maintenance)			0			0			0			0			0			0		
NHS (National Highway System)			5,200			0			0			0			0			0		
BRIDGE OFF-SYSTEM			160			906			100			1,600			2,720			0		
BRIDGE ON/OFF SYSTEM			0			2,471			88			2,188			8,090			9,588		
STP ENHANCEMENT			6,700			142			0			8,137			0			2,140		
STP FLEXIBLE			4,434			4,150			5,830			13,160			9,040			7,800		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			0			0			0			0			0			0		
NATIONAL RECREATIONAL TRAILS			251			251			251			251			251			251		
EARMARK - HIGH PRIORITY			0			0			0			5,600			0			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			0			0			0			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			0			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			0			0			0			0			0			0		
HSIP- Highway Safety Improvement Program			135			0			1,000			1,350			0			0		
NRCS - National Resources Conservation Service			0			0			0			0			0			0		
			0			0			0			0			0			0		
			0			0			0			0			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			0			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
	SUBTOTAL		16,880			7,920			7,269			32,286			20,101			19,779		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS			0			0			0			(5,600)			0			0		
LESS FTA TRANSFER FUNDS			0			0			0			0			0			0		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		16,880			7,920			7,269			26,686			20,101			19,779		



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FTA SUMMARY								
STATEWIDE		1,716	1,453	263	2,066	1,591	475	
OAHU, STATE		319	255	64	260	130	130	
C&C OF HONOLULU		90,447	37,630	52,817	116,790	71,140	45,650	
COUNTY OF HAWAII		1,663	1,330	333	8,910	6,800	2,110	
MAUI, STATE		2,000	1,600	400	17,876	14,300	3,576	
COUNTY OF MAUI		3,880	3,103	777	4,032	2,616	1,416	
COUNTY OF KAUAI		1,663	1,330	333	3,631	2,604	1,027	
FTA TOTAL		101,688	46,701	54,987	153,565	99,181	54,384	

DEPARTMENT OF TRANSPORTATION  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM : **PROPOSED REVISION #17**  
FFY 2011 THRU FFY 2014 (FFY 2015-2016 Informative Only)  
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PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2012 (Oct 1, 11 - Sep 30, 12) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2013 (Oct 1, 12 - Sep 30, 13) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2014 (Oct 1, 13 - Sep 30, 14) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2015 (Oct 1, 14 - Sep 30, 15) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FFY2016 (Oct 1, 15 - Sep 30, 16) TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	FUND CATEGORY & REMARKS
FHWA SUMMARY																				
STATEWIDE		41,705	10,430	31,275	42,788	11,252	31,536	42,530	11,300	31,230	46,464	14,857	31,607	51,573	18,535	33,038	45,007	13,282	31,725	
Oahu - State		44,344	36,266	8,078	59,509	40,507	19,002	102,051	62,281	39,770	207,089	84,168	122,921	169,920	142,573	27,347	162,968	119,517	43,451	
City and County of Honolulu		39,056	15,329	23,727	19,807	11,648	8,159	23,761	14,357	9,404	51,104	14,393	36,711	52,132	30,656	21,476	68,611	42,536	26,075	
ISLAND OF OAHU		83,400	51,595	31,805	79,316	52,155	27,161	125,812	76,638	49,174	258,193	98,561	159,632	222,052	173,229	48,823	231,579	162,053	69,526	
Hawaii - State		25,888	21,800	4,088	128,175	110,940	17,235	91,218	74,643	16,575	46,328	28,534	17,794	107,625	46,700	60,925	37,589	29,751	7,838	
County of Hawaii		13,660	10,928	2,732	15,230	5,504	9,726	14,213	13,000	20	5,900	10,009	(4,109)	12,901	10,321	2,580	22,100	10,704	11,396	
ISLAND OF HAWAII		39,548	32,728	6,820	143,405	116,444	26,961	105,431	87,643	16,595	52,228	38,543	13,685	120,526	57,021	63,505	59,689	40,455	19,234	
Maui - State		20,471	16,377	4,094	47,809	8,787	39,022	29,324	37,490	(8,166)	30,459	8,298	22,161	42,022	17,216	24,806	39,574	15,259	24,315	
County of Maui		28,650	21,890	6,760	14,830	8,136	6,694	19,990	14,432	5,558	20,077	14,345	6,032	21,057	15,564	5,493	18,613	14,045	4,568	
ISLAND OF MAUI		49,121	38,267	10,854	62,639	16,923	45,716	49,314	51,922	(2,608)	50,536	22,643	28,193	63,079	32,780	30,299	58,187	29,304	28,883	
Kauai - State		10,196	8,157	2,039	20,424	3,739	16,685	17,199	4,719	12,480	35,050	17,439	17,611	22,526	16,421	6,105	51,094	17,639	33,455	
County of Kauai		9,210	8,723	487	8,257	4,181	4,076	125	2,550	(2,425)	16,337	14,847	1,490	4,600	3,680	920	2,140	2,140	0	
ISLAND OF KAUAI		19,406	16,880	2,526	28,681	7,920	20,761	17,324	7,269	10,055	51,387	32,286	19,101	27,126	20,101	7,025	53,234	19,779	33,455	
FHWA TOTAL		233,180	149,900	83,280	356,829	204,694	152,135	340,411	234,772	104,446	458,808	206,890	252,218	484,356	301,666	182,690	447,696	264,873	182,823	

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PROJECT	PHASE	FFY2011 (Oct 1, 10 - Sep 30, 11)			FFY2012 (Oct 1, 11 - Sep 30, 12)			FFY2013 (Oct 1, 12 - Sep 30, 13)			FFY2014 (Oct 1, 13 - Sep 30, 14)			FFY2015 (Oct 1, 14 - Sep 30, 15)			FFY2016 (Oct 1, 15 - Sep 30, 16)			FUND CATEGORY & REMARKS
		TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	TOTAL (x\$1000)	FEDERAL (x\$1000)	LOCAL (x\$1000)	
FUNDING CATEGORY SUMMARY - ENTIRE STIP																				
IM (Interstate Maintenance)			0			25,520			0			255			17,979			52,133		
NHS (National Highway System)			18,531			15,838			76,906			39,628			80,326			46,461		
BRIDGE OFF-SYSTEM			11,120			1,706			1,220			3,680			12,316			9,043		
BRIDGE ON/OFF SYSTEM			6,650			41,442			5,336			14,083			57,581			66,400		
STP ENHANCEMENT			8,950			142			0			15,353			3,269			5,768		
STP FLEXIBLE			86,839			68,754			57,829			72,025			120,504			77,242		
CMAQ (Congestion Mitigation Air Quality)			0			0			0			0			0			0		
EQUITY BONUS			0			0			0			0			0			0		
DEFENSE ACCESS ROAD FUNDS			0			0			0			0			0			0		
PUBLIC LANDS DISCRETIONARY			5,000			5,000			5,000			5,000			5,000			5,000		
NATIONAL RECREATIONAL TRAILS			1,196			1,196			1,196			1,196			1,196			1,196		
EARMARK - HIGH PRIORITY			0			20,000			70,800			25,600			1,865			0		
EARMARK - TRANSPORTATION IMPROVEMENT			0			0			0			0			0			0		
EARMARK - SECTION 112			0			0			0			0			0			0		
EARMARK - SECTION 115			0			0			0			0			0			0		
EARMARK - SECTION 117			3,968			80			2,200			0			0			0		
FLHD - Federal Lands Highway Discretionary			0			7,500			0			0			0			0		
SECTION 1404 - (Safe Routes to School)			300			0			1,000			400			1,000			1,000		
HSIP- Highway Safety Improvement Program			5,314			4,016			13,285			20,093			630			630		
NRCS - National Resources Conservation Service			2,032			0			0			0			0			0		
TIGER 3			0			13,500			0			0			0			0		
HIGHWAYS FOR LIFE			0			0			0			3,000			0			0		
FTA TRANSFER FUNDS			0			0			0			0			0			0		
INTERSTATE MAINTENANCE DISCRETIONARY (IMD)			0			0			0			6,577			0			0		
FERRY BOAT DISCRETIONARY / ARRA FBD			0			0			0			0			0			0		
LESS DISCRETIONARY, DEMO ...ETC. PROJECTS	SUBTOTAL		149,900			204,694			234,772			206,890			301,666			264,873		
			(11,000)			(46,080)			(78,000)			(40,177)			(6,865)			(5,000)		
			0			0			0			0			0			0		
REGULAR FORMULA AUTHORITY	TOTAL		138,900			158,614			156,772			166,713			294,801			259,873		